

19980224.qrp v01_n011.qrs.980224

Date: Tue, 24 Feb 1998 19:03:11 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1011

QRP-L Digest 1011

Topics covered in this issue include:

- 1) [4629] Beckman DVM/ Re: Your favorite DVM??
by Tom Bowman <tbowman@nbn.net>
- 2) [4630] Re: Dan's not to accept orders from outside USA
by VE3JC John <jbcumming@wwdc.com>
- 3) [4631] Re: Elmer 101 - Your favorite DVM??
by Tom Bowman <tbowman@nbn.net>
- 4) [4632] Fox Tonightt
by "Don McKechnie" <donmck@erinet.com>
- 5) [4633] Fox Spot
by "tom palmer" <n1tp@worldnet.att.net>
- 6) [4634] ZM-2 Question
by chunt@macromedia.com (Christian Hunt)
- 7) [4635] Re: Elmer 101 - Your favorite DVM??
by Brian Kassel <bkassel@dancris.com>
- 8) [4636] Re: Fox Spot
by Ed Loranger <we6w@qsl.net>
- 9) [4637] FOX: What a mess!
by Roger Hightower <n7kt@earthlink.net>
- 10) [4638] Re: FOX Tonight
by N9DD@aol.com
- 11) [4639] Protek DMM on special at Circuit Specialists
by "Adam B. Kanis" <adam-kanis@uiowa.edu>
- 12) [4640] Re: SMiTe Lives
by Todd Nichols <nichols@rtp.ericsson.se>
- 13) [4641] FOX: Wail of the hounds
by Tim Ahrens <tahrens@inetport.com>
- 14) [4642] Re: Elecraft URL\Typo
by "John J. McDonough" <jjmcd@mdn.net>
- 15) [4643] Re: ZM-2 Question
by Roger Braker <msebrakr@telepath.com>
- 16) [4644] Re: Elecraft URL\Typo
by n4js@pobox.com (John Sielke)
- 17) [4645] Tuner FS: MFJ-949E
by "John A. Evans - N0HJ" <jae@codenet.net>
- 18) [4646] Velvet verniers
by Dale LeDoux <dledoux@laci.net>
- 19) [4647] Re: Cable for paddles?

- by "Frank A. West" <ke6vhm@earthlink.net>
- 20) [4648] Re: Elecraft URL\Typo
by Kory Hamzeh <kory@avatar.com>
- 21) [4649] FOX--challenging evening
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 22) [4650] Source of air variable caps???
by Pete Meier <pmeier@tir.com>
- 23) [4651] K0EVZ Fox
by Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
- 24) [4652] Re: FOX--challenging evening
by Vic Rosenthal <rakefet@rakefet.com>
- 25) [4653] Weekend
by cdavis@unlinfo.unl.edu (Charles Davis)
- 26) [4654] 6M Kit on the Way + ??
by "Mark S. Adams" <msadams@acsu.buffalo.edu>
- 27) [4655] 6M vs. 2M: Q and A Result
by "Mark S. Adams" <msadams@acsu.buffalo.edu>
- 28) [4656] Re: Elecraft URL\Typo
by Monte Stark <ku7y@sage.dri.edu>
- 29) [4657] Re: FOX Tonight
by Hank Kohl K8DD <k8dd@contesting.com>
- 30) [4658] ARRL DX AT 500 mWatts
by wd3p@juno.com (Larry S Cahoon)
- 31) [4659] Re: Elecraft URL\Typo
by Monte Stark <ku7y@sage.dri.edu>
- 32) [4660] Help w/QRP-L Calls
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 33) [4661] Re: UPDATE ON SG-2020!
by W7LS <w7ls@blarg.net>
- 34) [4662] Re: CW Weekend To Remember!
by Frank.DH0JAE@t-online.de (Frank Schuster)
- 35) [4663] For Sale: Unbuilt Epiphite Kit and More
by Darrell Bellerive <Darrell_Bellerive@compuserve.com>
- 36) [4664] Happy Dance in Ohio
by Steve Bornstein <saborns@freenet.columbus.oh.us>
- 37) [4665] RE: Dan's not to accept orders from outside USA
by tracy@orlando.com (Tracy)
- 38) [4666] QRP Program at Local Club
by "Timothy J. Pettibone" <tpettibo@nmsu.edu>
- 39) [4667] Fox & DX
by Monte Stark <ku7y@sage.dri.edu>
- 40) [4668] HW9 F/S email
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 41) [4669] Laser QRP Pointers
by Chuck Carpenter <w5usj@webwide.net>
- 42) [4670] Re: FOX: What a mess!
by Bob Hightower <ki7mn@dancris.com>
- 43) [4671] QRP Banquet registration tops 70!

- by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 44) [4672] FOX: NOGLM report
by "Buck, Preston D" <BuckPD@corning.com>
- 45) [4673] Draft FOX Log K0EVZ
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 46) [4674] QRP Banquet: Request for door prizes!
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 47) [4675] wanted qrp related
by RangerSF5@aol.com
- 48) [4676] SMiTe Kit
by bcutter@teal.csn.net (Bob Cutter)
- 49) [4677] Centennial for sale
by "Jeff M. Gold" <JGold@tntech.edu>
- 50) [4678] cheap DVM
by sigcom@juno.com (Stephen M Smith)
- 51) [4679] Re: SMiTe Kit
by Monte Stark <ku7y@sage.dri.edu>
- 52) [4680] 33ft Vertical Best feed?
by John Anthony Reynolds <D2250077@infotrade.co.uk>
- 53) [4681] Re: SMiTe Kit
by PDouglas12@aol.com
- 54) [4682] 20MTR Centennial
by marion@montana.com
- 55) [4683] RE: 33ft Vertical Best feed?
by Kevin Muenzler <wb5rue@stic.net>
- 56) [4684] Re: 33ft Vertical Best feed?
by Greg Weinfurtner <gweinfurt1@ohiou.edu>
- 57) [4685] Arkansas 80 - 40M nets & Email Newsletter
by Jim <kj5tf@mctc.com>
- 58) [4686] Re: Draft FOX Log K0EVZ
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 59) [4687] Thanks for ideas!
by "David Maliniak" <dmaliniak@penton.com>
- 60) [4688] Doc the Fox
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 61) [4689] Re: Draft FOX Log K0EVZ
by flydnq7x@primenet.com (Floyd Smithberg)
- 62) [4690] K0EVZ FOX:keep comments coming
by "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
- 63) [4691] Volunteer kit builders
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 64) [4692] Re: Help for the UW project
by Steven Weber <kd1jv@moose.ncia.net>
- 65) [4693] elmer101: RF current probe
by Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
- 66) [4694] web page
by "Ray Lowe" <wd5dhk@hotmail.com>
- 67) [4695] Minnesota fox hunting

- by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 68) [4696] Elmer 101: RF Probe
by Bob Bayha <rbayha@ix.netcom.com>
- 69) [4697] DX test and CQC QSO party
by "Allan G. Taylor" <ataylor@heracles.llnl.gov>
- 70) [4698] Paddle cable
by Tellefsen Bob-CNSE97 <cse97@lmpsil02.comm.mot.com>
- 71) [4699] FOX tips
by Roger Hightower <n7kt@earthlink.net>
- 72) [4700] Re: K0EVZ FOX:keep comments coming
by "Harvey D. D. Hetland" <n6mm@earthlink.net>
- 73) [4701] Re: DX test and CQC QSO party
by Ed Loranger <we6w@qsl.net>
- 74) [4702] NorCal paddles
by Tellefsen Bob-CNSE97 <cse97@lmpsil02.comm.mot.com>
- 75) [4703] Re: Minnesota fox hunting
by Chris Cartwright <ccart@dns.vidtel.com>
- 76) [4704] FOX: pelt on the belt, but just by a hair!
by David Ek <ekdave@earthlink.net>
- 77) [4705] ooops
by Roger Braker <msebrakr@telepath.com>
- 78) [4706] Re: NorCal paddles
by Roger Hightower <n7kt@earthlink.net>
- 79) [4707] RE: 33ft Vertical Best feed?
by Greg Weinfurtner <gweinfurt1@ohiou.edu>
- 80) [4708] Re: CW Weekend To Remember!
by "Bob Kellogg" <ae4ic@nr.infi.net>
- 81) [4709] Re: Minnesota fox hunting
by Ed Loranger <we6w@qsl.net>
- 82) [4710] more UW questions
by Roger Braker <msebrakr@telepath.com>
- 83) [4711] Re: Draft FOX Log K0EVZ
by Shepherd@aol.com
- 84) [4712] Paddle cabling solved...
by "David Maliniak" <dmaliniak@penton.com>
- 85) [4713] oscillators
by "Wayne Barnhart" <wb7whi@triax.com>
- 86) [4714] Missing NORCAL orders for Europe?
by Stephen John Farthing <stephen@stevef.demon.co.uk>
- 87) [4715] Epson P-40 printer info needed
by John Fletcher <johnf@innotts.co.uk>
- 88) [4716] Re: Elmer 101: RF Probe
by "S. Lee" <slee@u.washington.edu>
- 89) [4717] V26B
by "Allan G. Taylor" <ataylor@heracles.llnl.gov>
- 90) [4718] Re: 33ft Vertical Best feed?
by "L. B. Cebik" <cebik@utkx.utcc.utk.edu>
- 91) [4719] Ferrite Rod Antenna?

- by tracy@orlando.com (Tracy)
- 92) [4720] N7IR Single Op QRP ARRL DX CW
by Gary Hembree <Gary.Hembree@asu.edu>
- 93) [4721] Mod. for Vibroplex, (Fists)
by gregoire@endor.com
- 94) [4722] Re: 33ft Vertical Best feed?
by "Ray Lowe" <wd5dhk@hotmail.com>
- 95) [4723] Re: Mod. for Vibroplex, (Fists)
by Vic Rosenthal <rakefet@rakefet.com>
- 96) [4724] Volunteer kit builders
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 97) [4725] Re: mouser on cd-rom
by Phil <k6ls@prolynx.com>
- 98) [4726] Re: mouser on cd-rom
by Shepherd@aol.com
- 99) [4727] Re: Mod. for Vibroplex, (Fists)
by Ed Loranger <we6w@qsl.net>
- 100) [4728] Re: mouser on cd-rom
by Ed Loranger <we6w@qsl.net>
- 101) [4729] FS OHR Explorer II 30 Meter CW XCVR - UNBUILT KIT
by "Dick Schneider" <rschneid@ix20.ix.netcom.com>
- 102) [4730] FS OHR Sprint 30 Meter CW XCVR
by "Dick Schneider" <rschneid@ix2.ix.netcom.com>
- 103) [4731] FS OHR Explorer II 20 Meter CW XCVR
by "Dick Schneider" <rschneid@ix3.ix.netcom.com>
- 104) [4732] FS: Palomar R-X Noise Bridge
by "Dick Schneider" <rschneid@ix3.ix.netcom.com>
- 105) [4733] FOX: N/T Fox this Friday, Saturday
by W2MY & W2MBY <n2mnn@spacegate.com>
- 106) [4734] Re: Mod. for Vibroplex, (Fists)
by Ed Loranger <we6w@qsl.net>
- 107) [4735] Oscilloscope-What to buy?
by "Kenneth W. Evans" <w4du@bellsouth.net>
- 108) [4736] FOX: N/T Fox Report, W2MBY Feb 21
by W2MY & W2MBY <n2mnn@spacegate.com>
- 109) [4737] Re: Oscilloscope-What to buy?
by "Ron Smith" <resmith@primenet.com>
- 110) [4738] Fri Night N/T Fox hunt
by W2MY & W2MBY <n2mnn@spacegate.com>
- 111) [4739] Re: Elmer 101: RF Probe
by Bob Scott <w4fpj@doubled.com>

Date: Mon, 23 Feb 1998 19:08:23 -0500
From: Tom Bowman <tbowman@nbn.net>
To: qrp-l@Lehigh.EDU
Subject: [4629] Beckman DVM/ Re: Your favorite DVM??

Message-ID: <3.0.1.32.19980223190823.006bd2d4@nbn.net>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"

I have an old, abused Beckman Tech 310 I bought at a hamfest years ago.
The LCD display is erratic thanks to the plastic clamps no longer holding
the display tightly against the circuit board.

Beckman has a repair kit they'll send you for \$25 or you can send the meter
back to the company and they'll calibrate and repair it for an \$85 flat fee. If
anyone is
interested, message me and I'll let you know how the retro kit works.....Should
get it Wednesday or so.

BTW, Beckman was taken over by Wavetek. Nice folks to deal with.

Call them at 1-800-854-2708.

Tom, WA3REY

<bold>_____

</bold><smaller> </smaller><bigger>Tom Bowman <<><< WA3REY,
Mount Gretna, PA 17064

</bigger>

Date: Mon, 23 Feb 1998 19:14:08 -0500
From: VE3JC John <jbcumming@wwdc.com>
To: qrp-1@Lehigh.EDU
Subject: [4630] Re: Dan's not to accept orders from outside USA
Message-ID: <34F210D0.43F8@wwdc.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tracy wrote:

>
> The answer is simple - it's difficult to collect on bad debts outside the
> US.
>

I must humbly disagree. If this is really the problem, then simply state that "only money orders in US currency will be accepted" for foreign orders. Why close off ALL foreign orders if the only problem is bad checks? As Marshall N1FN pointed out, in Canada I can go to the Post Office and buy a U.S. money order (it's cleared at some bank in New Jersey if memory serves me correctly), and it's as good as any certified cheque from any US bank. Mind you, I have to pay \$3 to do it, which sometimes hurts if I'm buying a \$5 item! But I always do it, and can be assured there's no problem for me or the vendor.

So for all US vendors who take the extra bit of trouble to handle orders from north of the border, a big THANK YOU - your efforts are very much appreciated. BTW I have never had any item held up or opened at customs - the little sticker they sometimes ask you to fill out seems to get accepted at face value. I always get a chuckle when the vendor has indicated that the item is a "gift". How better to describe the great qrp kits and accessories we get !?!

Vy 73, John

VE3JC - JOHN CUMMING
192 WELLINGTON ST. DELAWARE, ON CANADA, N0L 1E0

Date: Mon, 23 Feb 1998 19:20:36 -0500
From: Tom Bowman <tbowman@nbn.net>
To: qrp-1@Lehigh.EDU
Subject: [4631] Re: Elmer 101 - Your favorite DVM??
Message-ID: <3.0.1.32.19980223192036.006bcabc@nbn.net>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"

How does \$19 sound for a DVM?

Check <http://www.cir.com/>

I think the folks in Phoenix are holding out on us, not telling us about this Circuit Specialist DVM. Looks really good on the Web page. The price is right. And the guy at the order desk over the phone says they buy them in 1000 piece quantities. Had them for the past year or so as a special....

Says they've sold 10,000 or more.

The DVM, 9300G, is 3-1/2 digits, measures 1000 VDC, 10 Amps, 700 VAC, up to 20 MegOhms, circuit continuity with a beep, transistor hFE.

Circuit Specialists phone is 1-800-811-5208.

This is looking like a good week for DVMs. That should be on my test bench Wednesday or Thursday.

Tom, WA3REY

Tom Bowman <<<< WA3REY,
Mount Gretna, PA 17064

Date: Mon, 23 Feb 1998 19:14:58 -0400
From: "Don McKechnie" <donmck@erinet.com>
To: qrp-l@Lehigh.EDU
Subject: [4632] Fox Tonightt
Message-ID: <199802240026.TAA13836@erinet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Good copy on Fox now into Ohio 569.

Snared him at 0022!

73 de Don W8IZZ

Date: Mon, 23 Feb 1998 07:28:13 -0500
From: "tom palmer" <n1tp@worldnet.att.net>
To: <qrp-l@Lehigh.EDU>
Subject: [4633] Fox Spot
Message-ID: <19980224002755.AAA4029@default>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Doc, K0EVZ, is on 7.042 with FB signal into Florida and getting stronger as he goes. He's paddle must be smoking by now. Go get him. Tom, N1TP, Naples.

Date: Mon, 23 Feb 1998 16:40:45 -0800
From: chunt@macromedia.com (Christian Hunt)
To: qrp-l@Lehigh.EDU
Subject: [4634] ZM-2 Question
Message-ID: <v02140b11b117c63048dd@[192.168.22.76]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greets everyone...

So, I put together a ZM-2 over the weekend and have a question. When I try to tune my dipole on 40 the light never goes out. It gets dimmer, but it never fully 'goes out'. Any ideas? I have not tried to tune anything other

than 40m (all my qrp tranceivers are 40m).

Thanks in advance!

73 de KF6IHU

Date: Mon, 23 Feb 1998 17:38:04 -0800
From: Brian Kassel <bkassel@dancris.com>
To: tbowman@nbn.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4635] Re: Elmer 101 - Your favorite DVM??
Message-ID: <34F2247C.4866@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tom Bowman wrote:

>
> How does \$19 sound for a DVM?
>
> Check <http://www.cir.com/>
>
> I think the folks in Phoenix are holding out on us, not telling us
> about this Circuit Specialist DVM.

Tom:

You're correct! We're hoarding them down here, trying to corner the DVM market! ;)
Actually, I've not used one of these, but have seen the pallets full of them at the Circuit Specialist store, and a few on display. They look very good, the display is nice and large. For \$ 19.00 _+ S/H I don't think that a person could go much wrong, and a person could just keep the meter packed with their camping or QRPTTF gear, so that it isn't forgotten on the next out-of-doors ham activity.

--

Brian Kassel W5VB0
ARCI # 3623
Phoenix AZ ScQRPions

Date: Tue, 24 Feb 1998 00:46:25 +0000
From: Ed Loranger <we6w@qsl.net>
To: n1tp@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4636] Re: Fox Spot
Message-ID: <34F21861.2F3F@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Alas, I'm still stuck here at work :(

Hopefully I'll pin the critter down when I
get home in an hour. Will only have about
15 minutes to get him.

So I guess the Bazooka will have to be loaded
with HOT rounds.

-Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Mon, 23 Feb 1998 18:20:21 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: qrp-l@Lehigh.EDU, "Wilford D. Lindsey" <70511.3041@compuserve.com>
Subject: [4637] FOX: What a mess!
Message-ID: <34F1BDE5.A200469B@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, I think I got Doc tonight....heard him send my call back, and
sent the exchange, but there was so much QRM, deliberate and not, that I
don't know if I completed it or not.

Folks: Please LISTEN before you send your call multiple times.

--

72/73, de Roger, N7KT

Date: Mon, 23 Feb 1998 20:22:44 EST
From: N9DD@aol.com
To: 70511.3041@compuserve.com
Cc: QRP-L@Lehigh.EDU
Subject: [4638] Re: FOX Tonight
Message-ID: <617db075.34f220e7@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Doc

Thanks for the Fox contact. It sounded like you were zipping along great.
Here's hoping you make 89 contacts tonight :-).

I want to apologize for stomping all over your exchange with K8DD. We obviously called the same time. The timing of your comeback was right, and Hank doesn't hunt the fox too often, so I decided you had to be coming back to me - you just had the call wrong. After a couple attempts to get my number through to you, I realized that K8DD had to be in there and I shut up and waited for your next call. I wasn't hearing Hank at all.

Luckily, you heard me fine on my next call and we made the QSO. Sorry again to you and to K8DD. Next time I'll be more careful.

Tom N9DD
South Bend, IN

The other 'DD

Date: Mon, 23 Feb 1998 19:17:54 -0600
From: "Adam B. Kanis" <adam-kanis@uiowa.edu>
To: qrp-l@Lehigh.EDU
Subject: [4639] Protek DMM on special at Circuit Specialists
Message-ID: <3.0.3.32.19980223191754.006cbfa8@molsun.ophth.uiowa.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hi all,

i went online to check into the Protek 506 that Ed had mentioned as a recommended meter (3-3/4 digit, L, C, freq, big display, RS232 with PC software). found some info at the Circuit Specialists pages, and it is on

special until 4/98 - \$139, their regular price is \$179, and other places have it from \$180-\$200. I had a need for a meter with some of the features, and I ended up buying one today.

if you're interested, check it out:

<http://www.cir.com/specials/protek/protek.htm>

I ordered one other time from Circuit Specialists, and was pleased with the service. No official connection with them --- blah blah blah.

--adam, n2brt

```
=====
Adam B. Kanis, N2BRT      QTH: Wellman, IA (Near Iowa City) EN41ck
adam-kanis@uiowa.edu     QRP ARCI : NorCal : QRP-L: G-QRP : CQC
      Straight Key : OHR-100 40m : Carolina Beam oriented N/S
** On the Web at      http://genome33.ped-gen.uiowa.edu/hamradio **
=====
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Date: Mon, 23 Feb 1998 20:38:45 -0500
From: Todd Nichols <nichols@rtp.ericsson.se>
To: qrp-l@Lehigh.EDU
Subject: [4640] Re: SMiTe Lives
Message-ID: <34F224A5.6B8F@rtp.ericsson.se>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

dave_epps@juno.com wrote:

>There is a real small trace around the top edge of both of my boards >and can easily short the antenna terms. I just cut it.

For all y'all SMiTe owners that might see this on your pcb's and wonder what it is:

The original artwork had a border around it. When the layout was stepped and repeated, a gap was left between the boards; this gap was to be removed by a routing process. Some of the routing left board material containing this edge on some of the boards. No big deal. You should not have even seen it, in a perfect world :-)
But like Dave says: if it's there, watch out that it does not contribute to a short. You can even scrape it off with an xacto knife.

Todd

--

Todd Nichols KB0HQU Ericsson Inc. (919) 472-7590
nichols@rtp.ericsson.se Research Triangle Park, NC
.sig is offline

Date: Mon, 23 Feb 1998 20:01:12 -0600
From: Tim Ahrens <tahrens@inetport.com>
To: qrp-1@Lehigh.EDU
Subject: [4641] FOX: Wail of the hounds
Message-ID: <34F229E8.46FE692A@inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It was wall to wall hounds down here in Texas tonight!
Thought it was a full moon or something!

Nice signal Doc - Thanks for hearing your fellow Fox Nabber!
Don't forget to add yourself to the bottom of the log!!

Sorry about the delay in answering... about the time I hit
the memory button on the keyer, the FD pager went off, &
for some reason I couldn't concentrate on both! Thanks for
calling me... the second time!

Hope lots of pelts were handed out!

cu

Tim W5FN

Date: Mon, 23 Feb 1998 21:13:34 -0500
From: "John J. McDonough" <jjmcd@mdn.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [4642] Re: Elecraft URL\Typo
Message-ID: <199802240212.3600700@midland2.mdn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I have a question I HAVE to ask.

It seems like half the people on this list (including myself) are lusting after a K2. How can this be? AFAIK, nobody has yet made a contact on one of these things. It may turn out to be a dog, or it may never exist. (Seems like some other rig talked about here is in the never exist category).

What evidence is there that this thing will be any good? Now, I gotta admit, it sure looks sexy. It's way up there on my personal lust list. But it doesn't seem rational. Is there anyone with more data than I that suspects that it will be good?

I was seriously considering making the pilgrimage to Dayton to see one of these. I told myself I should look at it, and if I like it, wait a few months for the reports from others, and for the first run manufacturing bugs to be worked out. I changed my mind, tho. If I see it, and like it, it could be hard not to buy one right away, without waiting for common sense to take hold. So better not to go to Dayton in the first place to be tempted.

But I am curious whether anyone has more data than a nice web page. Perhaps someone has used a prototype, or knows in more detail what will be in the thing.

Inquiring minds want to know!

73 de WB8RCR

Date: Mon, 23 Feb 1998 21:24:34
From: Roger Braker <msebrakr@telepath.com>
To: chunt@macromedia.com
Cc: qrp-1@Lehigh.EDU
Subject: [4643] Re: ZM-2 Question
Message-ID: <3.0.1.16.19980223212434.0f1727ee@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi,
I had that sort of problem with my 15 meter tx. I tried putting a 10 mh inductor in supply line and it seemed to cure it. RFI is weird.

73,

=20
/ \ / \ / \ / \ John L. Sielke n4js@pobox.com n4js@qsl.net
(N) (4) (J) (S) NJ Grid:FM29LN <http://www.qsl.net/n4js>

Content-Type: text/plain; charset="us-ascii"

A while back I indicated that I would have a few velvet vernier dial assemblies for sale. As of right now, I have three. These have a large black knob attached to a round scale about 4" in diameter, assembled to a triangular backplate which has an adjustable vernier scale. The speed reduction is about 2:1. These are complete, removed from equipment. I also have a couple of non-reduction type knobs with 180 degree scales (in stainless steel, like the verniers) and a couple of large capacitors (maybe up to 1000 pf, i didn't measure) suitable for antenna tuners up to probably 300 watts.

I had a few bites when I first mentioned these items, but the letters were lost in a HD problem. Interested parties may e-mail me direct if interested. I'd like to get a little bit of something for these. they really would look nice on a crinkle-finish black panel...

72--
Dale
KD5QI

Date: Mon, 23 Feb 1998 18:30:53 -0800
From: "Frank A. West" <ke6vhm@earthlink.net>
To: <dmaliniak@penton.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [4647] Re: Cable for paddles?
Message-ID: <199802240246.SAA19378@italy.it.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

David,

I used thin black microphone cable, the curly kind that comes on the Astatic hand mic.

I did make a little change in my paddles though. On the back of the base, I drilled a hole forward and on a little angle to one side. This avoids the screws mounting the center brass piece. Then drilled a hole up from the bottom at the end of the first hole. Fished the wire in through the back and down to attach them. This also allowed me to put shorter rubber feet on it.

I finished the base top to a mirror polish, with a brushed look around the edge. Rounded the corners 1/4" radius. Micro polished the all brass. To top it off I replaced the plastic paddles with a pair of hand formed Brazilian Hard Wood paddles.

Very pleased with a great kit. Givin to me as a Christmas present from a

great friend AC6UV Gody.
72 de Frank KE6VHM Woodcrest, CA

> One last step to complete the project... wiring them up. I've looked high
> and low and can't find a three-conductor cable that's small enough in
> outside diameter and that possesses a high degree of flexibility.

Date: Mon, 23 Feb 1998 18:48:26 -0700
From: Kory Hamzeh <kory@avatar.com>
To: jjmcd@mdn.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [4648] Re: Elecraft URL\Typo
Message-ID: <3.0.5.32.19980223184826.00afebb0@ns1.avatar.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:13 PM 2/23/98 -0500, John J. McDonough wrote:

>
>I have a question I HAVE to ask.
>
>It seems like half the people on this list (including myself) are lusting
>after a K2. How can this be? AFAIK, nobody has yet made a contact on one
>of these things. It may turn out to be a dog, or it may never exist.
>(Seems like some other rig talked about here is in the never exist
>category).
>
>What evidence is there that this thing will be any good? Now, I gotta
>admit, it sure looks sexy. It's way up there on my personal lust list.
>But it doesn't seem rational. Is there anyone with more data than I that
>suspects that it will be good?
>

Simple: track record of the designers.

Kory
AC6RN

Date: Mon, 23 Feb 1998 21:52:13 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ"
<70511.3041@compuserve.com>
Subject: [4649] FOX--challenging evening

Message-ID: <199802232154_MC2-3476-31E9@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Whew!--well the hunt just ended...and with a bang. Thanks one and all for being part of it. Sorry I couldn't have gotten every one of you. Some were still calling at the end. Nuts. Overall evaluation = very rough tonight, though condx seemed good.

If the numbers hold up, the total will be 74. Have already eliminated at least one QRO caller. Hope I got all of *them*. (Where did they come from?)

Could hear enormous QRM at times...but stayed pretty much on-frequency as I could nearly always dig out the caller/info. Sometimes needed lots of repeats, but I tried to complete every QSO once started. Several times I went back to a call I had copied clearly, only to hear nothing in return. If you were one of them, very sorry. Did my best to give everyone a fair shake.

Worked guys from coast to coast and corner to corner. Did not hear AL or HI, but did pick out several VE's. The absolute highlight of course was working Chuck K5F0! Thanks for the QSO, Chuck, and for the opportunity to be a FOX this season. Hope to be invited back :-).

Strange--sometimes I knew a call, but had forgotten the name. Wow. Oh well. Reason for some of the repeats. Once heard what sounded like 3 guys responding at the same time....which is why several times I resorted to giving calls once/twice + "only". Seemed to be the only solution in the midst of very QRM. Cost time, but hope it made it clear who the QSO was with.

Thanks again one and all for dropping by! Wish I had one more chance this season. Might get more of it right on the third time.

Will post the log ASAP, but probably tomorrow sometime. Now to catch a bite of supper.

72/73,

--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/288-5108 (eves)

Date: Mon, 23 Feb 98 21:57:49 -0500
From: Pete Meier <pmeier@tir.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [4650] Source of air variable caps???
Message-ID: <199802240256.VAA09152@sun.tir.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Anyone have a source of air variable 0-100 and 0-200 pf (low voltage)???

Pete WK8S pmeier@tir.com

Date: Mon, 23 Feb 1998 20:58:49 -0600
From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
To: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [4651] K0EVZ Fox
Message-ID: <351A2DFAE256D111883A0060B06B166237B42B@s-il02-j.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

Thanks for the fox pelt, Doc. That was one of the tougher ones. At the end, I hope that was "QSL" you were sending, and not "Where did you go?" QRM and QRN really gave your signal a working over just then.

Sounded like you were on a roll, though. Hope you hooked lots of hunters.

72, Bob N6WG

Date: Mon, 23 Feb 1998 19:25:29 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: 70511.3041@compuserve.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4652] Re: FOX--challenging evening
Message-ID: <34F23DA9.83C3B402@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Wilford D. Lindsey wrote:

>

> Some were still calling at the end. Nuts. Overall evaluation = very
> rough tonight, though condx seemed good.

Doc, when you first came on (4 pm my time) you were kind of weak, and I thought
about
waiting till you came up a bit -- glad I didn't! What a pileup!

Vic

Date: Mon, 23 Feb 1998 21:33:56 -0600 (CST)
From: cdavis@unlinfo.unl.edu (Charles Davis)
To: qrp-l@Lehigh.EDU
Subject: [4653] Weekend
Message-ID: <199802240333.VAA17438@unlinfo.unl.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Almost didn't have anything to tell about this weekend, however the NCS on
the local 2 meter ARES net Friday night challenged the net members to at
least try and copy a few calls during the dx contest. I decided to give it
try Sat. 15 meters was open and I made several contacts at 5 watts. I made a
few contacts on 20 meters also. I tried 40 later Sat. night but was unable
to make any contacts there at qrp levels so shut down and enjoyed an evening
with the family. Woke early Sunday and gave 40 another shot. The band was
full of JAs. Having never heard Japan on 40 before I raised the power and
make a quick contact. Feeling just a bit ashamed, I dropped the power back
down to 5 watts and worked a couple of other JA stations. I then went to 2
watts. Nebraska to Japan on 40 meters with 2 watts. Yes!! Just over 6,000
miles. What a thrill.

I learned this weekend that QRP works, more filtering is needed than a DSP
unit, it would be nice to have a beam and a bit more contesting could
increase my cw skills. And I had a lot of fun in the few short hours I had
to operate.

Had to be at work at 21:00z Sunday or I would have been on for the CQC contest.

Chuck, ng0m
Charles Davis
cdavis@unlinfo.unl.edu

Date: Tue, 24 Feb 1998 03:33:50 -0800
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
To: qrp-1@Lehigh.EDU
Subject: [4654] 6M Kit on the Way + ??
Message-ID: <34F2B01E.798F@acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

My TenTec 6M kit will be mine very soon, thanks to NF3I, along with a HyGain 4-el beam for the 35' mast.

Now here is the question. I'd like to feed the antenna with 1/2" hardline which is 75 ohm impedance. The antenna is 50 ohm feed. But, if I cut the hardline to a multiple of 1/2 electrical wavelength, my rig will simply see a 50 ohm load and hence a near 1:1 SWR, right? Am I missing something here?

I have a Palomar Noise Bridge to get the length right. Since I need about 75 feet of feedline I do not want to use my RG8X.

72, Mark N2VPK

Date: Tue, 24 Feb 1998 03:38:40 -0800
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
To: qrp-1@Lehigh.EDU
Subject: [4655] 6M vs. 2M: Q and A Result
Message-ID: <34F2B140.61AE@acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

Super FB TNX for all 35 replies to my question as to which band I should get first. Only one of you said to go for 2M. Thirty four others were VERY excited about 6M as the best VHF band.

Now with all of the fun I expect to be having soon, I hope I have time for a QRP contest or two :-)

Mark, N2VPK

Date: Mon, 23 Feb 1998 19:58:17 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: "John J. McDonough" <jjmcd@mdn.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4656] Re: Elecraft URL\Typo
Message-ID: <Pine.SUN.3.90.980223195523.5522F-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi John,

You ask about the K2 and why so many people think it will be good.

In a nutshell it's because of the people involved in the start up of the project. One has a great track record of making companies "happen" and the other has designed some of the nicer radio kits we have now!

When you put two and two together, it's gotta make four!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Mon, 23 Feb 1998 22:54:54 -0500
From: Hank Kohl K8DD <k8dd@contesting.com>
To: N9DD@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [4657] Re: FOX Tonight
Message-ID: <3.0.1.32.19980223225454.00745064@192.0.0.1>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Tom.....

Took me awhile to figure out Doc was listening up .6kc....And then he comes back to what I figured was my call....And then I wondered what the heck was going on when Doc asked me for all those repeats....Almost went outside with a flashlight to see if the G5RV fell out of the apple tree!

That has got to be the funniest story in the foX-files! Geez, I love this hobby.

73 Hank

At 08:22 PM 2/23/98 EST, you wrote:

>Hi Doc

>

>Thanks for the Fox contact. It sounded like you were zipping along great.

>Here's hoping you make 89 contacts tonight :-).

>

>I want to apologize for stomping all over your exchange with K8DD.
We

>obviously called the same time. The timing of your comeback was right, and

>Hank doesn't hunt the fox too often, so I decided you had to be coming back to

>me - you just had the call wrong. After a couple attempts to get my number

>through to you, I realized that K8DD had to be in there and I shut up and

>waited for your next call. I wasn't hearing Hank at all.

>

>Luckily, you heard me fine on my next call and we made the QS0.

Sorry again to

>you and to K8DD. Next time I'll be more careful.

>

>Tom N9DD

>South Bend, IN

>

>The other 'DD

>

>

>

*/ Hank Kohl K8DD k8dd@contesting.com
*/ ARRL TS (k8dd@tir.com)
*/ G-QRP ARRL/LM QCWA/LM QCAO/LM
*/ QRP-ARCI - Director MI-QRP - Vice Pres.
*/ <http://www.QRPARCI.org>
*/ <http://www.geocities.com/capecanaveral/2844/miqrp.htm>

Date: Tue, 24 Feb 1998 02:36:20 +0000
From: wd3p@juno.com (Larry S Cahoon)
To: qrp-l@Lehigh.EDU
Subject: [4658] ARRL DX AT 500 mWatts
Message-ID: <19980224.023621.4438.1.wd3p@juno.com>

Ran part time 20M and 15M only at 500 mWatts for a bit of fun from MD with the Sierra and a set of dipoles. Ended up with 53 QSOs and 27 counties. Best catch to the west was HI and to the east I got some S5s (Slovinia), 9As (Croatia), and a YU7 (Yugolavia). Every QSO better than 1000 miles per Watt and a bunch at 10,000+ miles per Watt. The most fun was the S5 who came back on the first call.

73 de Larry.....WD3P

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Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 23 Feb 1998 20:21:57 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: ALAN KAUL <alan.kaul@worldnet.att.net>
Cc: QRP-L <qrp-l@Lehigh.EDU>
Subject: [4659] Re: Elecrafft URL\Typo
Message-ID: <Pine.SUN.3.90.980223201740.5662A-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 23 Feb 1998, ALAN KAUL wrote:

> Yo, Ron, great contest score---but we want to know what kinds of aluminum
> you had up in the air. That way I can more fully appreciate the score and

> the output power! Please and tnx, 73 de alan

Well Alan,

I think it's kinda punny! But didn't spend much time on. All S&P.

Power was 5w output.

Antenna:

Force 12 C4SXL /H at 85'.

Feed line is about 80' of 1/2" CATV hardline (75 ohm) going up the tower and about 150' of small (RG59 size) CATV "drop line" laying on the ground, under the snow, from the tower to the shack.

There is no matatching of the feedlines nor are they cut to any size.

Hope this helps,

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 24 Feb 1998 00:18:35 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Cc: "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [4660] Help w/QRP-L Calls
Message-ID: <199802240021_MC2-346B-9CC4@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang':

Lost my notes. Who can help with protocol to retrieve individual call sign from QRP-L. Need this before posting log. Thanks in advance.

72/73,

--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/288-5108 (eves)

Date: Mon, 23 Feb 1998 21:20:13 -0800
From: W7LS <w7ls@blarg.net>
To: AC6JA@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [4661] Re: UPDATE ON SG-2020!
Message-ID: <34F2588D.3FFA@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Reality check: My Alinco DX-70T draws about a half amp on receive. This is a full featured 100W/10W/even less if desired, ssb/cw/am/fm 160-6 meter rig. I see them used for around \$600-\$700. Oh, the 70 also has a remote-capable head. Small, too. Almost as small. Little bigger.

With the receive current draw continually creeping up, I think SGC is losing it's market niche. It WAS unique, being more or less, an upgraded QRP+ with more power and still low receive drain. Looks to me like it is becoming a low powered also-ran.

Specs still look good, but nothing like it started out like. Like I said, I have a 70T and am very happy with it. I was going to get the SGC, but it is so nearly the same as a DX-70T that I can't see a reason to.

de Jim, W7LS

AC6JA@aol.com wrote:

>
> SGC updated their webpage on the new SG-2020 rig. power consumption has once
> again been increased to now 430ma. also delivery schedule has been pushed to
> MARCH 15.
> still have my order in though! but for how much longer i don't know!!
>
> Mike AC6JA/qrp

Date: Tue, 24 Feb 1998 07:18:43 +0100
From: Frank.DH0JAE@t-online.de (Frank Schuster)
To: qrp-1@Lehigh.EDU
Subject: [4662] Re: CW Weekend To Remember!
Message-ID: <m0y7DhT-0003hRC@fwd02.btx.dtag.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8BIT

Dave Fifield schrieb:

> I gave up trying to do the DX stuff using QRP....I wasn't
> getting anywhere - not a single contact! None of them could
> hear me at all....oh well. With the 500W it was easy.

I make a two-way-cw-QRP-QSO with VE1MT on 21,100 mc on saturday 13.30 utc.
Both 5 watts. The flux was only 96.

73 es 72! de Frank
DH0JAE, QRV only in QRP
G-QRP-C 6807, DL-QRP-AG *FM*

Date: Tue, 24 Feb 1998 01:20:39 -0500
From: Darrell Bellerive <Darrell_Bellerive@compuserve.com>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [4663] For Sale: Unbuilt Epiphite Kit and More
Message-ID: <199802240120_MC2-3472-F242@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

For Sale the following unbuilt kits:

- * NorCal kit - The Epiphite 80 Meter SSB Transceiver (1994 design - NOT the Epiphite II)
- * Ten-Tec T-Kit # 1550 Utility Audio Amplifier
- * Ten-Tec T-Kit # 1551 Speech Processor

Plus a preassembled Ramsey PA-19 Receiver Pre-amplifier 2 to 200 MHz

All Kits and Pre-amp as a package as mailing costs would be too high if split up.

\$50 US including surface mailing to Canada or US lower 48. US hams note that import duty may be charged by US customs.

Please respond by email to: Darrell_Bellerive@compuserve.com

Darrell Bellerive
VE7CLA

Date: Tue, 24 Feb 1998 01:17:33 -0500 (EST)
From: Steve Bornstein <saborns@freenet.columbus.oh.us>
To: Multiple recipients of list <qrp-l@Lehigh.EDU>
Subject: [4664] Happy Dance in Ohio
Message-ID: <Pine.3.07.9802240133.A16858-81000000@login>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

Finally, at last I worked Alaska QRP. Worked KL7JAF Sunday evening at 0035 on 20 meters (14.0615). That makes all 50. I've been doing the Happy Dance ever since.

73, Steve K8IDN

Date: Tue, 24 Feb 1998 01:20:08 -0500
From: tracy@orlando.com (Tracy)
To: "'VE3JC John'" <jbcumming@wwwdc.com>, "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [4665] RE: Dan's not to accept orders from outside USA
Message-ID: <01BD40C6.38A0B380.tracy@orlando.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I think it's worth every bit of trouble to do business anywhere in the world. I still get the impression that Dan's is a hobby, and as such I might take the action he did.

However, I've never considered business with my Canadian neighbors "foreign" trade...

We just shipped a huge pile of experimenter kits to a university in Turkey. We've served over 30 countries so far, and we have no intention of stopping!

"Melt Solder," as they say!
Tracy

-----Original Message-----

From: VE3JC John [SMTP:jbcumming@wwdc.com]
Sent: Monday, February 23, 1998 7:05 PM
To: tracy@orlando.com
Subject: Re: Dan's not to accept orders from outside USA

Tracy wrote:

>
> The answer is simple - it's difficult to collect on bad debts outside the
> US.
>

I must humbly disagree. If this is really the problem, then simply state that "only money orders in US currency will be accepted" for foreign orders. Why close off ALL foreign orders if the only problem is bad checks? As Marshall N1FN pointed out, in Canada I can go to the Post Office and buy a U.S. money order (it's cleared at some bank in New Jersey if memory serves me correctly), and it's as good as any certified cheque from any US bank. Mind you, I have to pay \$3 to do it, which sometimes hurts if I'm buying a \$5 item! But I always do it, and can be assured there's no problem for me or the vendor.

So for all US vendors who take the extra bit of trouble to handle orders from north of the border, a big THANK YOU - your efforts are very much appreciated. BTW I have never had any item held up or opened at customs - the little sticker they sometimes ask you to fill out seems to get accepted at face value. I always get a chuckle when the vendor has indicated that the item is a "gift". How better to describe the great qrp kits and accessories we get !?!

Vy 73, John

VE3JC - JOHN CUMMING

192 WELLINGTON ST. DELAWARE, ON CANADA, N0L 1E0

Date: Tue, 24 Feb 1998 00:08:27 -0700
From: "Timothy J. Pettibone" <tpettibo@nmsu.edu>

To: qrp-1@Lehigh.EDU
Subject: [4666] QRP Program at Local Club
Message-ID: <3.0.3.32.19980224000827.00694250@dante.nmsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang:

Had to run home, early, to gather up stuff for my last minute program at the Mesilla Valley Radio Club meeting. A surveyor was scheduled to present about GPS/GIS but he had to go to Santa Fe at the last minute. I've been scheduled to present on QRP at the April meeting but they moved it up to tonight. Fun session with lots of questions and interest expressed by members. The hard part was dealing with those heavily invested in QRO amps and techniques. One made the point of needing more power when he's operating mobile. Of course I had to tell him the story of working a JA on 40m, QRP mobile, in broad daylight!

Heard Doc startup at 0000z and called him a couple of times. He went down into the noise. Got him (I think) at about 0042z. I say "I think" for the very same reasons Roger N7KT mentioned in his note - we've got trouble right here in River City. Some of our own have resorted to DX contest techniques. Some started calling Doc before he finished with his previous QSO - then they kept calling well into Doc's response to the next call. I counted one fellow, call not to be divulged for the time being, who called 7 times, on top of Doc and on top of the QSO Doc decided to work. Another sent all of his information several times, even though he had not been called. Guess Doc finally worked him just to get rid of the pest. It's not quite the same as when you're anonymously working some DXpedition. We're all listening to each other and our warts surely show.

I've really enjoyed the Fox hunts and intend on doing more in the future but I sincerely hope all of us will take a look at our techniques and critique them. Some simple rules are: don't call the fox unless you can really hear him; monitor what the fox is doing and stop calling when he comes back up on frequency; if you can't hear him come back up on frequency see the first rule; try to limit your calls to 1 or 2 times; have fun!

Tim K5OI

Date: Mon, 23 Feb 1998 23:12:18 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: QRP-L <qrp-1@Lehigh.EDU>

Subject: [4667] Fox & DX
Message-ID: <Pine.SUN.3.90.980223225832.5871A-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Just a couple of observations:

Foxing.... did you notice how much nicer the QRP stations were in the fox pile up than the QRO stations? Good Job!

Also, try to use QSK. I heard a number of stations sending their exchange while the fox was working someone else. With QSK you usually wind up hearing some of this and can stop sooner! It doesn't stop all errors but it helps.

It takes a bit of getting use to but it's worth it.

Broken calls:

When the fox sends a letter or two, if you don't have those letters in your call, don't call! If you do, jump in there with both feet and send your call a time or two. There are times to be meek and times to be a bit aggressive!

For example, tonight Doc sent "U ?" and I jumped in there and sent my call twice (I think). He then sent something like "7Y ?" and again I sent my call twice and he had it. Using QSK I could still hear some other very weak stations calling so I knew Doc was having to work hard!

A good example of how not to do it was the QRO mobile station. Two slow calls right on top of Doc. But Doc did the right thing....worked him and got him out of the way!

The skill level of this group is really getting better and better! You all need to give yourself's a pat on the back!

DX:

I went up to 15m and worked ZL7DK on Chatham Island with 5w at 2359z.

Then off to 40m to work the fox.

Then to 20m and worked the F00/OK5DX with 950 mW at 0202z.

Thanks in advance for your help.
73 8P6AZ Pat

Chuck Adams K5FO Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Tue, 24 Feb 1998 07:42:02 -0600
From: Chuck Carpenter <w5usj@webwide.net>
To: qrp-l@Lehigh.EDU
Subject: [4669] Laser QRP Pointers
Message-ID: <3.0.1.32.19980224074202.0069ff20@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

All,

Harbor Freight Tools has two laser pointers in their catalog.

One is pen-sized, has collimation of 1/4 in at 600 ft, 8000 hours operating life, no power rating given. Cost is \$19.00. Their item number 36534-5UTA.

The other is a mini with keyring, 2 in long, 5 mW output, no other spec given. Cost is \$15 -- limited quantities. Their item number 36616-3UTA.

Shipping cost with orders over \$50 is free. There is a \$4 handling charge on all orders.

Phone number for orders is: 800-423-2567

Most of the inexpensive tools are made in China. I've done business with these people for a while and they have been quite reliable.

72/73 -- Chuck, W5USJ, EM22cv
Rains County, Eagle Capitol of Texas
ARCI # 5422, QRP-L # 1306, FISTS # 3984

Date: Tue, 24 Feb 1998 06:57:04 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: n7kt@earthlink.net
Cc: qrp-l@Lehigh.EDU
Subject: [4670] Re: FOX: What a mess!

Message-ID: <199802241357.GAA07800@user2.dancris.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 06:20 PM 2/23/98 +0000, you wrote:

>Well, I _think_ I got Doc tonight....heard him send my call back, and
>sent the exchange, but there was so much QRM, deliberate and not, that I
>don't know if I completed it or not.

>

>Folks: Please LISTEN before you send your call multiple times.

>--

The problem seems to be that a lot of folks don't know how to use the RIT.
Doc was listening as much as 500 Hz away from his xmit freq, and many people
were calling him right on his xmit freq.....makes it hard to hear when he
answers someone. I know that was the case with Bertie and I.....couldn't
hear him come back until he repeated his call.

He DID say he was going to use RIT.

73,

Bob KI7MN (ki7mn@dancris.com) Chandler, AZ

NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL

<http://www.dancris.com/~ki7mn>

Date: Tue, 24 Feb 1998 10:11:24 -0500 (EST)

From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>

To: qrp-1 <qrp-1@Lehigh.EDU>

Subject: [4671] QRP Banquet registration tops 70!

Message-ID: <Pine.LNX.3.95.980224100506.5828C-100000@w3eax.umd.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

OK, so the place will hold 250...

Hey, the place will hold 250 people! There's a lot of room left!

22 bux gets you a hefty buffet dinner, Ade Weiss speaking, and a chance at
some pretty cool door prizes.

Tell your friends! Tell your spouse! Tell your friends' spouses!

For information, e-mail me here or call me at either of the numbers below.

For tickets, an SASE is NOT required (will hold ticket at banquet) unless you wish to send one.

Scott Rosenfeld NF3I
4015 Sparrow House Lane
Burtonsville, MD 20866-1333

Make the check for \$22/ticket ordered out to QRP-ARCI.

Hope to see you there!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Tue, 24 Feb 1998 09:21:06 -0500
From: "Buck, Preston D" <BuckPD@corning.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [4672] FOX: N0GLM report
Message-ID: <6B137F61081DD0118DF600805FEAC5C5C8ECB5@SILVER.CORNING.COM>
Content-Return: allowed
Mime-Version: 1.0
Content-Type: text/plain

> Greetings all,
>
> Only one contact last night. I guess that the ARRL DX contest was
> more of a draw, which is completely understandable. Had I known about
> it in advance I wouldn't have chosen the time I did. The noise was
> fierce last night, at least s9 across the whole band but it wasn't bad
> enough to drown out all the signals.
>
> I started off with the same radio problem as last time. Real high SWR
> that I couldn't tune out on an antenna that is normally resonant. I
> had checked the antenna, feedline and tuner and could find nothing
> wrong so I assumed it was the weather. Last night was very calm.
> Hmm. Took the tuner apart. Nothing unusual. The only thing left was
> the radio itself or the battery. The battery had a voltage of 12.5v,
> a bit low. I hooked up the power supply and the problem went away. I
> guess the voltage was too low for the PLL to lock up accurately. That

> trickle charger I had on wasn't on long enough I guess. Funny though,
> at FYBO I got lower voltages without a problem. (At least that's what
> my frost numbed mind told me.)
>
> W9ZQ 559(his) 599(mine) Don, IL
>
> Don wasn't a foxhunter, he just stumbled across my CQ. He was very
> curious about if I was mobile or not. I tried to explain (at 12 WPM)
> but don't think I made it. I did say I would explain on my QSL card.
> My intent is to get another QRPer into the fold.
>
> 73
> Preston, n0glm, Southern NY state
>

Date: Tue, 24 Feb 1998 09:19:31 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ"
<70511.3041@compuserve.com>
Subject: [4673] Draft FOX Log K0EVZ
Message-ID: <199802240922_MC2-347E-9002@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Below is my draft log from the 2/24/98 FOX hunt. Please study it for
errors and let me know ASAP.

#	Time(Z)	Call	Sent/Rcvd	State	Name	#/Pwr
---	----	-----	-----	-----	----	-----
001	0000	WB4EXW	579/589	NC	Watson	5w
002	0001	K5JD	569/589	AR	Ken	652
003	0003	WD4MSM	569/559		Barry	532
004	0005	W0RW	579/589	CO	Paul	2w
005	0006	AB5UA	569/579	OK	Cliff	478
006	0007	WB9HFK	559/559	IL	Mark	1159
007	0009	N5LU	569/599	OK	Bill	2w
008	0010	K2VCO	549/539	CA	Vic	725
009	0015	WA8VNZ/M	579/599	MI	Mark	100
010	0017	WA1QVM	569/569	MA	Joel	337
011	0018	N2VPK	569/579	NY	Mark	314
012	0020	N4ROA	569/559	VA	Dan	970

013	0022	W8IZZ	579/559	OH	Don	1454
014	0023	N1TP	559/559	FL	Tom	1317
015	0024	W5FN	599/579	TX	Tim	586
016	0025	K8KFJ	579/589	WV	Karl	400w <-QRO
017	0026	VE3JC	569/569	ON	John	744
018	0028	KU7Y	569/569	NV	Ron	17
019	0030	K5ZTY	599/449	TX	Bill	473 Dupe
020	0031	VE3ELA	579/579	On	Ken	1226
021	0032	AB7MY	569/559	AZ	Gary	571
022	0034	KJ3V	569/569	AL	Lynn	1227
023	0035	K10J	579/559	TX	OJ	732
024	0037	W5JHP	589/559	TX	Bill	825
025	0038	K5VUU	569/559	TX	Ed	1343

->026 0040 K3XPV 549/559 <-Not in QRP-L database. Help?

027	0041	K1NY	539/559	NY	Gerry	1208
028	0045	K5OI	569/559	NM	Tim	73
029	0046	KK6MC/5	539/579	NM	Jim	411
030	0047	N1QQV	539/579	CT	Ken	400
031	0048	W7QQQ	579/559	AZ	Jack?	1220
032	0051	NU8Z	589/579	MI	Mark	1431
033	0052	AC5JH	579/449	LA	Tom	1319
034	0054	K8DD	589/549	MI	Hank	246
035	0056	W5SB	599/559	TX	Bill	1279
036	0057	W0CH	599/579	MO	Dave	618
037	0058	N9DD	579/579	IN	Tom	32
038	0059	N7OT	559/599	KS	Bill	11

039	0101	NQ7X	569/559	AZ	Floyd	343
040	0102	KI7MN	569/559	AZ	Bob	274
141	0104	W5YR	599/589	TX	Geo	1373
142	0106	W5XE	589/579	TX	Ray	256
043	0107	AB7TT	579/559	AZ	Joe	191
044	0108	K1MG	569/559	CA	Mike	614
045	0109	N6WG	569/339	CA	Bob	26
046	0111	N0TFI	599/599	CO	Jess	1232
047	0112	N7KT	579/559	AZ	Roger	62
048	0116	W6BAB	559/569	CA	Harvey	5w
049	0118	N7VE	579/559	AZ	Dan	5w
050	0120	K5FO	569/579	TX	Chuck	#1 <- !
051	0123	N7XJW	569/559	AZ	Bertie	1259
052	0125	W5TFB	589/599	TX	Jack	282
053	0126	KG2LO	349/559	NJ	Roland	1445
054	0128	AB7TK	579/559	ID	Randy	102
055	0129	K5ON	579/599	NM	Gary	770
056	0131	N8VZU/AG	579/559	OH	Dan	5w
057	0132	N0TU	569/569	CO	Steve	911

058	0133	K06NA	559/559	CA	Rob	176
059	0135	KC1FB	589/559	CT	Jim	29
060	0136	AB0GO	599/559	CO	Dave	785
061	0137	KV2X	569/599	NY	Tom	56
062	0138	K5UP	569/599	OK	Greg	21
063	0140	K5ZTY	599/559	TX	Bill	473 Dupe
064	0141	KG2IM	579/579	NY	John	1173
065	0142	K0SU	589/579	CO	Rick	539
066	0143	AA5TA	559/559	TX	Larry	1245
067	0144	KQ5U	599/559	TX	Terry	5w
068	0146	N7CQR	549/559	OR	Dan	502
069	0147	K6VNX	579/559	CA	Arlen	5w
070	0049	KF4AR	559/559	NC	Dick	402
071	0151	N3XRV	549/559	MD		655
072	0152	AC6LA	569/559	CA	Dan	515
073	0153	NQ7K	559/5559	AZ	Tim	47
074	0154	WE6W	589/559	CA	Ed	1068
075	0155	W7SSM	569/559	CA	John	3048
076	0158	N0UVR	569/599	CO	Dave	9?

Setup here was Ten-Tec Omni V at 4 watts. Antenna was HB dipole at 28' fed with 300-ohm window line. Tuner = ZM-2. Mercury Paddle. Power out measdured with OHR WM-1.

Thanks again for dropping by. Hope I did a good job for everyone. Please keep sending those feedback notes. It is also good to see your setup notes.

72/73,

--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
 MWBC
 519-16th Street SE
 Rochester, MN 55904
 507/288-5108 (eves)

Date: Tue, 24 Feb 1998 10:20:18 -0500 (EST)
 From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
 To: qrp-l <qrp-l@Lehigh.EDU>
 Subject: [4674] QRP Banquet: Request for door prizes!
 Message-ID: <Pine.LNX.3.95.980224101438.5828D-1000000@w3eax.umd.edu>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

About two months ago, I send out requests to vendors for door prizes.

Let it be known that ATTENDEES who would like to make donations of door prizes (no matter how big or small, valuable or not very much so) may do so without fear of reprisal!

If you speak for a vendor and have already committed a door prize or multiple door prizes, and would like to send it/them to me,

<<YES, I KNOW DAYTON IS STILL THREE MONTHS AWAY BUT THE WAY MY LIFE IS, BETTER TO DO IT EARLY, HEH HEH HEH...>>

Feel free to do this, like, now.

Scott Rosenfeld NF3I
4015 Sparrow House Lane
Burtonsville, MD 20866-1333

Thanks for putting up with me!

ONLY 80 DAYS UNTIL THE BANQUET!!!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Tue, 24 Feb 1998 10:00:00 EST
From: RangerSF5@aol.com
To: qrp@qth.net, njqrp@njqrp.org, qrp-1@Lehigh.EDU
Subject: [4675] wanted qrp related
Message-ID: <617ebfe1.34f2e072@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

MFJ rigs SSB or CW wanted,cw filter,keyer board etc.
Will also pay for past copies of past MFJ news letters
Bob
WA2HOQ

Date: Tue, 24 Feb 1998 08:03:38 -0700 (MST)
From: bcutter@teal.csn.net (Bob Cutter)
To: qrp-1@Lehigh.EDU
Subject: [4676] SMiTe Kit
Message-ID: <199802241503.IAA27179@mailman.sni.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I am sure you are getting tired of the tales of us old farts with weak eyes and shaky hands managing to assemble this SMT jewel. Well, they are all true and if you are holding back on SMT, don't! It is a great experience and the Knightlites deserve our thanks.

My SMiTe came up fine and puts out a healthy 200mw.

72, Bob KI0G

Date: Tue, 24 Feb 1998 09:14:40 -0600
From: "Jeff M. Gold" <JGold@tntech.edu>
To: QRP-L <qrp-1@Lehigh.EDU>
Subject: [4677] Centenial for sale
Message-ID: <037201bd4136\$ed81fb40\$4d0b9595@mm-man.cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

I have a Centenial 20 meter, built and receive seems to work very well, only putting out .1watt at this point, think it is either the 91C final or wrong type of mike. If anyone needs a project to play with, this is it.

will sell for \$70 + shipping.

72

Jeff, AC4HF

=====
Jeff M. Gold, Ed.S.
Manager, Academic Computing Support
Tennessee Technological University

Date: Tue, 24 Feb 1998 10:24:16 EST
From: sigcom@juno.com (Stephen M Smith)
To: qrp-1@Lehigh.EDU
Subject: [4678] cheap DVM
Message-ID: <19980224.040122.8031.0.sigcom@juno.com>

Group,

Harbor Freight Tools currently has on sale a DVM for \$9.95 (!). Before one poo-poo's a DVM so inexpensive, let me say that I have used one of these on my bench for a couple of years without a failure. It's my "bench beater" meter and sits right along side my Fluke. The nice thing about this unit (besides being dirt cheap) is that it is fused, has 10 Amp current measuring capability and a built-in Beta tester for transistors. Agreed, not the most accurate meter in the world, but plenty good enough for ham use, IMO. When I have to make absolutely certain that the measurement is spot on, I defer to the Fluke.

Usual disclaimer, caveat emptor, yada, yada, yada.....

73.....Steve, WB6TNL

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 24 Feb 1998 07:30:18 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: Bob Cutter <bcutter@teal.csn.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4679] Re: SMiTe Kit
Message-ID: <Pine.SUN.3.90.980224072812.6227C-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Bob,

I got my SMiTe kits yesterday. #118, 120 and 121.

For those who have not sent in their money yet, let me just say the the job of packing these kits must

be seen to be belived!!

You even get the solder! :-)

Now to find some time and a clean spot on the work bench! (Ask Paul Harden about my "full" workbench!)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sun, 22 Feb 1998 08:31:15 -0000
From: John Anthony Reynolds <D2250077@infotrade.co.uk>
To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>
Cc: "'gqrp-l@blacksheep.org'" <gqrp-l@blacksheep.org>
Subject: [4680] 33ft Vertical Best feed?
Message-ID: <01BD3F6C.647EEEA0@default>

Hi Guy's

I have a 33ft vertical with about 500ft of earth radials in my pocket sized garden 40ftx18ft, it works well on 7Mhz.

My question is, what would be the best feed method for it to be used on 14Mhz?

72 de John G3PT0 GQRP 595

Date: Tue, 24 Feb 1998 10:42:22 EST
From: PDouglas12@aol.com
To: ku7y@sage.dri.edu, qrp-l@Lehigh.EDU
Subject: [4681] Re: SMiTe Kit
Message-ID: <1ee37d72.34f2ea61@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

No, Ron, a clean "spot" on your workbench won't do. If necessary, work on the kitchen table, but definitely don't try to build one of these babies on a

patch of wood surrounded by other projects. If you do, the first time a little resistor the size of a cake crumb gets loose, it will disappear forever! You need a clean, clear workbench for this little project. At least that's how I kept Murphy at bay in my workshop when one or two of the itty bitsy parts slipped from the tweezers.

Incidentally, I have made my second solid contact with my SMiTe, and I admit it is a ton of fun. I have decided to mount mine in the smallest clear plastic box I can find (Who cares about a little broadcast interference? I have a good filter in my head!) so everyone can see the tiny "guts" of my SMiTe and the 9v battery. So far, I have a sewing kit box from a hotel visit as the most likely candidate.

Enjoy your SMiTes.

72,
Preston Douglas WJ2V

Date: Tue, 24 Feb 1998 09:46:05 -0700 (MST)
From: marion@montana.com
To: qrp-l@Lehigh.EDU
Subject: [4682] 20MTR Centennial
Message-ID: <199802241646.JAA17838@paw.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Have seen several postings on 20mtr Centennials with recieve ok and very low transmit output. Guess what, I also have same problem. Any one solved this bug?
Roy,AB7CE

Date: Tue, 24 Feb 1998 09:57:06 -0600
From: Kevin Muenzler <wb5rue@stic.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>,
"D2250077@infotrade.co.uk" <D2250077@infotrade.co.uk>
Subject: [4683] RE: 33ft Vertical Best feed?
Message-ID: <01BD410A.91FD0AC0@muenzlerk.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

On D2250077@infotrade.co.uk, John Anthony Reynolds[SMTP:D2250077@infotrade.co.uk] wrote:

> Hi Guy's

> I have a 33ft vertical with about 500ft of earth radials in my pocket sized garden 40ftx18ft, it works well on 7Mhz.

> My question is, what would be the best feed method for it to be used on 14Mhz?

>

> 72 de John G3PT0 GQRP 595

>

>

>

>

Your best bet is to use a good quality coax and an antenna tuner in your shack. You can built a switch box at the feedpoint that switches a matching network in and out. I've done this before and it worked quite well.

Kevin, WB5RUE

Date: Tue, 24 Feb 1998 10:59:28 -0400

From: Greg Weinfurtner <gweinfurt1@ohiou.edu>

To: qrp-l@Lehigh.EDU

Subject: [4684] Re: 33ft Vertical Best feed?

Message-ID: <v03110701b1188ce889d1@[132.235.72.188]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

>Hi Guy's

> I have a 33ft vertical with about 500ft of earth radials in my >pocket sized garden 40ftx18ft, it works well on 7Mhz.

> My question is, what would be the best feed method for it to be used on >14Mhz?

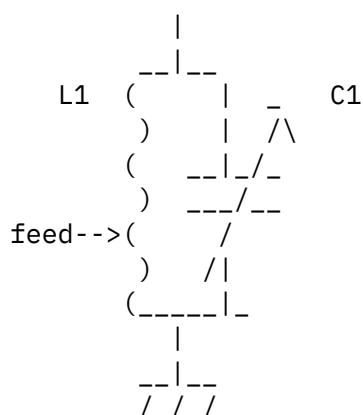
>

> 72 de John G3PT0 GQRP 595

John,

You've got the perfect set up to do a 1/2 wave length vertical on 20! Just use a parallel tuned circuit on the base of the vertical and experiment with taps until you find the lowest SWR with a bridge.

| <-Vertical (Not to scale!)



L1, C1 should resonate at the 20 meter frequency before it is installed at the antenna. Values are not really critical and the tuning is very broad. C1 may be a 100pf variable, but you probably won't need that much capacitance on 20mtrs. L1? I would start with 10 turns of #12, 5cm (2 inch) diameter with taps for feed and C1 connection.

Advantages are: Raising of the current portion (That is what does the most radiating!) of the antenna up to the middle of the 33ft vertical section. That will give you a lower takeoff angle for DXing. And very broad tuning.

I did this on 160 meters with a 260 ft (80 meters) wire, 1/2 wavelength on 160 meters, strung up and over trees and it was a great set-up...worked a bunch of states and dx! It was probably 100 feet (Abt 30 meters) high at the most.)

So it will take a little experimenting, but remember, the byproduct of experimenting is a free education!

```
***** Amateur Radio *****
*                                     <><                                     *
* NN      N  SSSSSSS  8888888  0000000  Greg Weinfurtner AEE BSS *
* N N     N  S      8      8  0      0  Electronic Design Splst *
* N N     N  SSSSSSS  8888888  0      0  Ohio University Athens *
* N      N N      S  8      8  0      0  GO BOBCATS!              *
* N      NN  SSSSSSS  8888888  0000000          EM89WH            *
*                                                                 *
* "Can thou send forth lightnings that they may go and say      *
*      unto thee, 'Here we are'?" Job 38:35                      *
*                                                                 *
*                  gweinfurt1@ohiou.edu                          *
*                  http://ouvaxa.cats.ohiou.edu/~weinfurtner      *
*****
```

Date: Tue, 24 Feb 1998 10:17:11 +0000
From: Jim <kj5tf@mctc.com>
To: qrp-1@Lehigh.EDU
Subject: [4685] Arkansas 80 - 40M nets & Email Newsletter
Message-ID: <34F29E27.23C9@mctc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

We had a fine 40M net last Wednesday, about 6 check ins. After so many times with poor condx we're happy it cleared up and look forward to improving condx.

Mondays 80M net was super! We had 13 or 14 and "DX" from MN, tnx John W3FAF! And after the net we had a nice turn out on the Harrison, AR. 147.0 repeater, around 10 checked in.

It's nice to be in contact with members and friends across the state, region and the whole USA. We learned about a local 10M 5 wpm CW net and looking into being helpful. (Future QRP'ers?) ?

Bob N9ZZ calls the 40M net this Wednesday at 7pm central, near 7,042-3 MHz. Hope to hear you. de Jim AR QRP #2

PS- I sent the email newsletter, so if you didn't get your copy email me ASAP. Membership and newsletter is free.

Date: Tue, 24 Feb 1998 08:37:24 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <70511.3041@compuserve.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [4686] Re: Draft FOX Log K0EVZ
Message-ID: <01bd4142\$7c411950\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nice work, Doc! Those furry ears of yours are fantastic!

Mike K1MG

Date: Tue, 24 Feb 1998 11:58:59 -0500
From: "David Maliniak" <dmaliniak@penton.com>
To: qrp-l@Lehigh.EDU
Subject: [4687] Thanks for ideas!
Message-ID: <852565B5.005D13D7.00@mail.penton.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

To all:

Geez, ask a simple question and you get, oh, 15 to 20 answers. The question in this case was my query about ideas for wiring up my NorCal paddles. Thanks very much to all who took time to reply. I hope others found the information posted to the list useful as well. This is yet another example of just how helpful QRP-L is!

72,
David N2SMH
Glen Rock, NJ

Date: Tue, 24 Feb 1998 17:05:00 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [4688] Doc the Fox
Message-ID: <199802241705.RAA23346@chuck.dallas.sgi.com>

Gang,

>From the start it sounded like a DX-pedition to some isolated rock in the Pacific. I went off to do the usual 1.5Hr wait until the crowd died down.

When I came back the crowd was still there. Started with the TenTec 1340 and called once but Doc went to someone else. The QSO in progress was just too close to get filtered out so I went to the closet and grabbed the SWL-40 (for real) and fired it up and managed to get him, my 0.95W.

I was in progress on building a partial kit from NN1G, pictures on the web tomorrow. This is the Elmer101 rig. I'd say that Dave has another winner. Review to follow on Friday after I play with it a little. If time allows, tonight (Tuesday) after 0230UTC I'll try to be around 7.035 or so. Guys on the west coast will like this time frame. Listen up for the new rig.

I measured the drift at 19Hz for the first five minutes on the local oscillator, a.k.a. VF0, and this in open air in a drafty room at 62F or so.

Dave is using an IRF510 in the final so I may crank the power level up to 2W, but I can't go more than that. It's my ceiling right now except for SS at 4.5W with a pile of aluminum at 35+ meters. Ron, KU7Y, reminded me in email when I forgot about that fact in another posting earlier in the week.

FYI

Chuck Adams K5FO Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Tue, 24 Feb 1998 10:18:13 -0700 (MST)
From: flydnq7x@primenet.com (Floyd Smithberg)
To: qrp-l@Lehigh.EDU
Subject: [4689] Re: Draft FOX Log K0EVZ
Message-ID: <199802241718.KAA25589@smtp04.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>To: 70511.3041@compuserve.com, AZ ScQRPions
>From: flydnq7x@primenet.com (Floyd Smithberg)
>Subject: Re: Draft FOX Log K0EVZ

>

>Tnx Doc for a great effort under trying condx. Your sig was strong all evening with some QSB but the QRM at times was even stronger :-(I tried off freq first but most contacts seemed to be close to 'zero' so tried that, nada. Then tried freq of last Q as you started to use rit more. Still nada. Then noted that you'd pick off opposite sides, so did that and 'BOOM-gotcha Foxy'.

>Only took an hour of mostly listening and quickie calls...but we did it!
Gracias.....

>

>>021	0032	AB7MY	569/559	AZ	Gary	571	All the
							'regular' AZ
>>031	0048	W7QQQ	579/559	AZ	Jack?	1220	hunters got
							him.....
>>039	0101	NQ7X	569/559	AZ	Floyd	343	Congrats, good job!
>>040	0102	KI7MN	569/559	AZ	Bob	274	
>>043	0107	AB7TT	579/559	AZ	Joe	191	
>>047	0112	N7KT	579/559	AZ	Roger	62	
>>049	0118	N7VE	579/559	AZ	Dan	5w	
>>051	0123	N7XJW	569/559	AZ	Bertie	1259	
>>073	0153	NQ7K	559/5559	AZ	Tim	47	(Mike)

>

>>>>Thanks again for dropping by. Hope I did a good job for everyone. Please
>>>>keep sending those feedback notes. It is also good to see your setup
>>>>notes.

>>

>Used: TS850 w/400Hz IF filter/fast QSK, NIR-12 DSP, HB variable SCAF, 79 yr
old dual cranial filter, patience :-)

>Ant: Pair of 33' verticals, 1/2w spacing, ground mounted, 23 radials
each...variable phased steering.

>

>

>

73 Floyd NQ7X Phoenix ScQRPion DM33uq QRP-L 343
ARRL AMSAT ARCI G-QRP NORCAL DX WRKD HF=324 SAT=101 QRP=108

Date: Tue, 24 Feb 1998 12:18:26 -0500
From: "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Cc: "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [4690] K0EVZ FOX:keep comments coming
Message-ID: <199802241221_MC2-3485-1CCA@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Several corrections have already been received. Some also sent their
setups, or even wrote again. Very interesting reading.

Anyway....don't stop now! Let me hear from you. If you see a correction
that is needed anywhere in the log, please point it out. Want to send the

best log possible to the Chuckster.

BTW--anyone know about VE3OU? He was last in my notes, but I have not been able to find out anything about him. So as of right now, he is not in the FOX log. Please help if you can.

Thanks again. I plan to write more thoughts later re last evening :-).

72/73,

--Doc Lindsey/K0EVZ qrp-l 861 Grid EN34
MWBC
519 16th Street SE
Rochester, MN 55904
507-289-5108 (evenings)

Date: Tue, 24 Feb 1998 09:32:23 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [4691] Volunteer kit builders
Message-ID: <01bd414a\$2a59b770\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Kitbuilders Anonymous members:

A retired gentleman has purchased one of my clock/counter kits, but his failing eyesight is not up to the task of building it. The kit does have a large PLCC socket to solder and some of the components are pretty close together. He has asked for some help putting it together. I have read previous posts about kitbuilding addicts who volunteer to assemble kits for those who are unable to do so themselves. Is there anyone willing to put in a couple hours of work to help?

Thanks,

Mike K1MG

Date: Tue, 24 Feb 1998 12:49:00
From: Steven Weber <kd1jv@moose.ncia.net>
To: msebrakr@telepath.com
Cc: qrp-1@Lehigh.EDU
Subject: [4692] Re: Help for the UW project
Message-ID: <3.0.3.16.19980224124900.2b8fc064@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

> Ok, now I have questions. I
>am wanting to "prototype" it on a breadboard. Is this feasible?

I assume your refering to the solderless plug in boards. These generally are no good to build RF circuits on do to the inherent long lead length and ineffective bypassing at RF. Best stay away from these except for audio and digital circuits.

>When I get
>it working on the breadboard, I'm going to solder it point-to-piont omn perf
>board. Is that an acceptable method instead of "ugly"?

Not really. It's very difficult to make effective RF grounds on a perf board and that style of construction generally leads to longer leads and a lot of crossed wires that will make the circuits unstable, especially the RF power amp.

Your best sitcking to the style of construction recommended by the article, building on a solid copper clad board. It's actually quicker and easier to build this way than perf board and you will get much better results.

> The article says to test the buffer amp with an RF probe and DMM. How to
>I know when it is working?

The RF probe lets you measure the voltage of the signal produced by the buffer, if it's greater than the diode drop of 0.4-0.5 volts. However, you need a scope to tell how well the buffer's working.

>have to ask a question about parts substitution. DC didn't have a 1n937
>Zener diode(D4). It is a 9.1 v, 400mw model. Can I substitute a 1 watt OR
>12 V model as RS has them.

You can use the 1 watt version. A 12 volt one is most likely too high a voltage to regulate well, even from a 13.8 Volt supply

> I think that D4 is used for V regulation. If
>so, then can I omit it if a use a regulated PS?

Probably

Good luck and have fun!

72,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: 24 Feb 1998 12:41:03 -0500
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
To: qrp-l;;
Cc: adams@chuck.dallas.sgi.com
Subject: [4693] elmer101: RF current probe
Message-ID: <1998Feb24.124103-0500@[130.113.234.7]>

Probe-building gang,

We've all taken a look at the circuit used to measure RF voltages - the "RF probe". There's also another type of RF probe, used to measure RF currents. It is less common, because current measurements always require some device to be inserted in-line (in series with) the current path. Most have used one: almost every SWR meter monitors RF current with a current probe.

So here are the basics.

The simplest approach would be to insert a "current-sampling" resistor in-line. The requirements are that the resistor value is much smaller than the circuit impedance, so that the sampling resistor upsets circuit operation minimally. Then you'd simply use a voltage-measuring RF probe to find the voltage across this resistor. Divide the voltage reading by the resistors' value to find current.

This method has the disadvantage that the RF probe will likely be measuring small voltages, where its accuracy is poor, and the sampling resistor should have one end at ground potential (often very hard to do).

We can do better by employing a transformer to step up the voltage to a larger value, where the probe gives better accuracy. This transformer can also be viewed as a current transformer too. And ground referenced current-sampling is no longer a problem.

Lets start by winding 10 turns of fine enameled wire around a small ferrite toroid of high permeability. I have used something as small as a ferrite bead. Or you can use a FT-23-43, or FT-23-77 toroid core. You can also use a common FT-37-43 too. Across the winding ends, solder

a 100 ohm resistor.

This transformer is the heart of the probe. "What transformer...where's the other winding?", you ask. Well, the other winding will be the wire carrying the RF current you wish to measure. This toroid is simply slipped over the current-carrying wire...the primary is thus a one-turn primary winding, while the 10-turn winding is the secondary.

This transformer has a 10:1 turns ratio. So that 100-ohm resistor will look like a one-ohm resistor in the transformer's primary leg. There is a low-frequency limit to this transformer, depending on the ferrites' permeability. For the cores mentioned, you should be able to cover all the HF amateur bands. You may want to modify this current probe to measure current in really low-Z loads, like short antennas. For these, you can reduce the value of the 100 ohm resistor, or increase the number of turns.

So now we have RF voltage across the 100 ohm resistor that is proportional to current. It will be ten times larger than the voltage drop across the 1-ohm primary equivalent resistance. So $I_p = 0.1 * V_s$ where V_s is measured across the 100 ohm secondary resistance. You can use your RF voltage probe to measure V_s . Or you could add some diode/capacitor/resistor components directly to the 100-ohm resistor to output a DC voltage to your meter. In general $V_s = (I_p/N) * R_l$ where V_s is voltage across the secondary loading resistor, I_p is current thru the primary winding, and R_l is the secondary loading resistor.

This current-measuring technique is great for making measurements on balanced transmission lines, where a RF voltage probe could upset the balance.

Glen VE3DNL leinwebe@mcmaster.ca Hamilton ON.

Date: Tue, 24 Feb 1998 09:47:10 PST
From: "Ray Lowe" <wd5dhk@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [4694] web page
Message-ID: <19980224174710.13480.qmail@hotmail.com>
Content-Type: text/plain

Hi gang,

I am working on my new web page this week. I am especially interested in links to web pages that are either qrp or antenna related

to add to my page.

Also, this is my first attempt at a web page, so any constructive criticism is welcome. (oops- maybe I had better put on a flame suit after that comment.)

Thanks in advance.

72/73

Ray Lowe

WD5DHK

Lancaster,Tx (near Dallas)

<http://members.wbs.net/homepages/w/d/5/wd5dhk.html>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 24 Feb 1998 10:02:52 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [4695] Minnesota fox hunting
Message-ID: <01bd414e\$6cdae020\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I used a new technique in the fox hunt last night that others might find useful.

Someone gave me the idea when I was fox last week.

The challenge of a pileup is somehow to make your signal distinguishable from the rest of the rabble. Many DXers use the brute force method; if your signal is ten times louder than anyone else's, it will be distinctive. The most effective method is careful timing -- listen a lot, figure out the quarry's pattern, and send your short call at just the right time to make it stand out. You can also distinguish yourself by calling too much, and at the wrong times, so you cause so much QRM that the quarry works you just to get rid of you. Of course, the risk is that your call may mysteriously disappear from the log. A good way of distinguishing yourself is to use your quarry's narrow filter. That is, call him on the frequency where you know he is listening.

Doc was a decent 569 here last night on the new antenna. Probably the old G5RV would have been a better choice for his location, but the feedline connection decided to go south yesterday evening, so I couldn't compare the two. Anyway, I found that Doc was working to the sides of his frequency, so I split the transceiver and called where he was listening, but didn't manage to make it even after four or five calls. Then it hit me. Last time I was fox, one person called me at a much faster code speed. That made his signal stand out from the pileup, and I grabbed it. Well, I know Doc can be a speed demon at the key, 'cause I've had a QSO with him before at conversational speed. So I turned the keyer up to contest speed, and sent my call once. Bamm! Got 'im.

One more weapon in the arsenal. Call faster or slower than the rest, and your signal will stand out.

Mike K1MG

Date: Tue, 24 Feb 1998 10:02:38 -0800
From: Bob Bayha <rbayha@ix.netcom.com>
To: qrp-1@Lehigh.EDU
Subject: [4696] Elmer 101: RF Probe
Message-ID: <34F30B3D.86331A6E@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang...

FYI... If anyone doesn't desire to make their own RF Probe, there is a Fluke 85RF (I think these things list for about \$95) available on eBay at the following address:

<http://iguana.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=6889723>

No personal interest, just an FYI post.

Bob, K6RKB

Date: Tue, 24 Feb 1998 10:19:58 -0800 (PST)

From: "Allan G. Taylor" <ataylor@heracles.llnl.gov>
To: qrp-l@Lehigh.EDU
Subject: [4697] DX test and CQC QSO party
Message-ID: <199802241819.KAA01360@heracles.llnl.gov>

Operated from the QTH of WK6C after the ARRL DX contest mayhem for some QRP fun. This bought me a 3 el yagi on 40...! After startup problems because of changing logging programs (the NC40A doesn't interface to TRLog !), I worked some of the CQC gang. WE6W has the same echo-sound from Dana Pt as he does from Pleasanton. How do you do that, Ed? Also found that the NC40A doesn't handle big signals (i.e., from a 3 el Yagi) very well. Everytime I found a clear spot, Ed was there 1/2 second before I hit the keyer memory button...

Got 1000 Mi/Watt that is indisputable, K4NAX in Indiana with 1.5W. I had previously worked JA with 5W and Michigan with ~2W but power measurements had too much uncertainty. (Congrats to WE6W for bagging JJ8KGZ. He is on 40 a lot and has a 2 el yagi)

The QRO effort was successful, with 400K points running Multi/Single as W1HIJ. I reworked all good stuff with my own call, netting 9 new ones. (sorry for the QRO interlude)

I am really looking forward to the QRP To The Field event in April. Hope the deluges slow or I will be /mm by then...

Grant/K7GT

Pleasanton CA

Date: Tue, 24 Feb 1998 12:23:16 -0600
From: Tellefsen Bob-CNSE97 <cnse97@lmpsilo2.comm.mot.com>
To: dmaliniak@penton.com
Cc: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [4698] Paddle cable
Message-ID: <351A2DFAE256D111883A0060B06B166237B4D7@s-il02-j.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

Dave (N2SMH):

I'm using a cabling trick I picked up from my buddy WA6NAE. Go to Radio Shack and pick up a stereo extension cable, about 5-6 ft long. It will have a 1/8 inch stereo plug at each end. I cut mine in half and put one cable on my NorCal paddle set and one on my old Bencher, just to make them identical.

72, Bob N6WG

Date: Tue, 24 Feb 1998 11:29:01 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: qrp-1@Lehigh.EDU
Subject: [4699] FOX tips
Message-ID: <34F2AEFD.DB9519F2@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

Here are some tips that might help you get the Fox, and keep the noise and frustration to a minimum:

1. Before calling, listen to the Fox exchange so you know what you need. Try to determine if he's using "split" and how much or what the pattern might be.
2. If he's using the RIT/split, use your VFO to center the hunter he's talking to. Then use your RIT to center the Fox. That way, you'll be listening on his freq and transmitting with the split.
3. Send your call once and then listen. If you have a rig with QSK, then use it. If you hear him sending during your transmission, it's time to stop.
4. Listen below as well as above the Fox freq. Some are pretty crafty, and split down instead of up.
5. If the Fox sends any partial call, do not answer if your call doesn't have any of those elements. If you have them, then you can send your call twice.
6. End your call with your callsign. This will help the Fox sort it out.
7. Never transmit directly on the calling frequency unless you are sure the Fox isn't working split.
8. Never transmit during an exchange.
9. After a completed exchange, listen.....some Foxes send QRZ, then

their call. If you walk on the Fox, you lose a chance.

With so many hunters now, working a Fox is just like working rare DX. It's good training. The key is to listen, listen, listen until you figure out the pattern, then try for the contact. Two hours is plenty of time to work someone; in fact, I'll bet if everyone relaxed a bit, we'd see a Fox with over 100 contacts.

--

72/73, de Roger, N7KT

Date: Tue, 24 Feb 1998 18:17:25 -0800
From: "Harvey D. D. Hetland" <n6mm@earthlink.net>
To: QRP-L@Lehigh.EDU
Subject: [4700] Re: K0EVZ FOX:keep comments coming
Message-ID: <34F37F35.7AF5@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here is a fox hunting tip that worked for me with the K0EVZ fox last night. While we dislike those who tune up on the fox frequency it can be used to your advantage if you have a good receiver. I had a window of only a few minutes to grab the fox using a simple inverted vee antenna from W6BAB. I was calling about 600 Hz high. Suddenly a carrier appeared on the fox and instinctively from many DX pileups I knew many would stop calling. The fox finished his QSO, I called, the fox caught the BAB, I followed with my call and the fox came back to my full call. It was a struggle copying through the carrier, but I could tell when the fox was on, I knew his exchange and I could get the drift of what he was sending by carefully tweaking the OHR-400's RIT. By the time Doc asked for a repeat on my name the carrier was gone (thank goodness) and I had another QSO with the fox in the log at W6BAB. Look at the fox log. My signal report is one to two S-units below the pack that he was working at the time, and I suspect Doc was digging me out of the noise. I believe that taking advantage of the carrier helped me, and I was off preparing for my 0130Z lecture and helping students with their homework. Thanks Doc and it looks like you had quite a session.

73, Harvey, N6MM (foxhunt operator at W6BAB)

			sent/rcvd			
045	0109	N6WG	569/339	CA	Bob	26
046	0111	N0TFI	599/599	CO	Jess	1232
047	0112	N7KT	579/559	AZ	Roger	62
048	0116	W6BAB	559/569	CA	Harvey	5w
049	0118	N7VE	579/559	AZ	Dan	5w

050 0120 K5FO 569/579 TX Chuck #1 <-!

Date: Tue, 24 Feb 1998 18:39:21 +0000
From: Ed Loranger <we6w@qsl.net>
To: ataylor@heracles.llnl.gov
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4701] Re: DX test and CQC QSO party
Message-ID: <34F313D9.118D@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Allan G. Taylor wrote:
<snip RE: CQC test>

< WE6W has the same echo-sound from Dana Pt as he does
> from Pleasanton. How do you do that, Ed? Also found that the NC40A doesn't
> handle big signals (i.e., from a 3 el Yagi) very well. Everytime I found a
> clear spot, Ed was there 1/2 second before I hit the keyer memory button...
<snip other operating report>

FB on your nice report, Grant.

I was using the old Tube Rig: DRAKE TR-3. It has a special sound.
I don't know if it is due to being a tube rig or what. But I do
know that there aren't many TR-3's used for CW operation since
it is primarily a SSB rig. But after adding my little NE-2 plus
reed relay, I have a nice sidetone to work with. I think other
TR-3 owners shy away from CW since you have to go straight key
without sidetone. Too bad. I'd like to hear their tone too.

About the CQC test. It was really great! Too bad it was only
6 hours long -- I was just getting into myself :)

I got 50 Q's equaling 240 qso pts; 15 SPC's and 18 Names
for a total of 64,800 points.

Can we count all stations worked? Or just QRP? I do have 2 QRO
stations in the log....

Anything going on this weekend?
-Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Tue, 24 Feb 1998 12:43:27 -0600
From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
To: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [4702] NorCal paddles
Message-ID: <351A2DFAE256D111883A0060B06B166237B4EE@s-il02-j.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

Like several others, I've had trouble with intermittent contacts. In my case, it was dropped dits in the middle of a string. I thought it was an imperfect ground through the bearings, so I bypassed them with a fine wire from each paddle to ground. For a while, the problem seemed to go away, then it came back. Hmmm.

This weekend, I replaced the two dit and dah adjusting screws in the fixed posts with brass screws. This seemed to fix the problem (again). I would like to find some brass screws with hex or spline heads to put on the ends of the paddle arms as well to avoid dissimilar metals in the contacts. Anybody know of a source?

Hope to have Maestro NorCal Paddle fully operational before my next Fox run.

72, Bob N6WG

Date: Tue, 24 Feb 1998 14:57:28 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: "Michael A. Gipe" <mgipe@reliablemeters.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4703] Re: Minnesota fox hunting
Message-ID: <Pine.LNX.3.93.980224142125.974A-1000000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 24 Feb 1998, Michael A. Gipe wrote:

> The challenge of a pileup is somehow to make your signal distinguishable
<snip> fox, one person called me at a much faster code speed. That made

Mike,

Thanks, simple and effective, and I never would have thought of it myself. About the only thing I can send fast is my call;) I finally got Doc about 10 minutes before the gravitationally challenged diva soloed. But for the 90 minutes before that I shot high, low, over, under, lead him a little as he ran around. Finally set the RIT at about +500 and waited for him to trip over me :) Thanks, one more shell to put in the foxii bandoleer...

Last year I chased the N/T+ foxii and had no luck at all, this year was my first "real" season. Quite by accident I found out that the attenuator helped much more than the preamp, counter-intuitive, but this seems to knock down the noise more than the furry one. I start with the radio "wide open", track him down, and start applying the filters, then (if he's more than 229) kick in the attenuator. Last year (with pre-amp) 0 pelts, this year (attenuator) 9 pelts. I must be learnin' sumptin!

For Doc; setup in MD was an IC735 at 5W, HFT-9 tuner to 85' vertical wire up in a tree, with a 25' counterpoise laying on the deck. Best thing this cliff-dweller can put up :(

```
-- Chris Cartwright,   Technical Engineer   |       ccart@vidtel.com       --
-- N3XRV      ARRL-VE   QRP WAS 28/13(w/c)   | http://dns.vidtel.com/~ccart --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #????? NJ-QRP #105 LIQRP #????? MDmW #5 --
```

Date: Tue, 24 Feb 1998 12:21:46 -0700
From: David Ek <ekdave@earthlink.net>
To: "'70511.3041@compuserve.com'" <70511.3041@compuserve.com>, "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [4704] FOX: pelt on the belt, but just by a hair!
Message-ID: <01BD411E.C7999F40.ekdave@earthlink.net>

Doc,

Good show last nite! Boy, was I glad to hear you finally come back to me--it was my last try before I had to call it quits and leave (to go teach a beginning ham class, of all things--what kind of example would it have been if I were late because I was playing with my radios?).

Things were pretty wild during the hunt, from what I could tell. I alternately got to listen to QSO's right on top of you, weird sounds (someone tuning up and down the band quickly with their transmitter keyed?), overzealous hunters (myself probably included on one or two occasions, I sheepishly admit), and then you booming into Colorado. I was pretty sure I'd be able to work you (given enough time), as I'd heard you a

number of times before as we were working the N/T+ foxes. In other hunts I could usually get an easy pelt just by waiting for the crowd to subside, but last night the party just kept going. Your signal probably deserved better than 559 by the time I got you, but that was what my brain was ready to send. Sorry for the sloppy sending--excitement must have gotten the best of me. Glad to be in the log.

Rig on this side was OHR-100 running 5W into a homebrew vertical.

Isn't this a great hobby?

72,

Dave AB0GO

Date: Tue, 24 Feb 1998 14:20:24
From: Roger Braker <msebrakr@telepath.com>
To: qrp-l@Lehigh.EDU
Subject: [4705] oops
Message-ID: <3.0.1.16.19980224142024.4cbf58d8@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Sorry guys. I sent the returned mail thing to the wrong address, got it back, and forwarded it to the list and forgot to change the subject heading.

Arnold

Date: Tue, 24 Feb 1998 12:29:08 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: cnse97@lmpsil02.comm.mot.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4706] Re: NorCal paddles
Message-ID: <34F2BD14.FB8F3554@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For brass machine screws, check your local hobby shop, or model railroad

shop. Model railroaders use lots of hex head brass screws.

--

72/73, de Roger, N7KT

Date: Tue, 24 Feb 1998 14:30:25 -0400
From: Greg Weinfurtner <gweinfurt1@ohiou.edu>
To: qrp-l@Lehigh.EDU
Subject: [4707] RE: 33ft Vertical Best feed?
Message-ID: <v03110701b118ba6462b5@[132.235.72.188]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>>John Anthony Reynolds[SMTP:D2250077@infotrade.co.uk] wrote:
>> Hi Guy's
>> I have a 33ft vertical with about 500ft of earth radials in
>>my >>pocket sized garden 40ftx18ft, it works well on 7Mhz.
>> My question is, what would be the best feed method for it to be used on
>>>>14Mhz?
>>
>> 72 de John G3PT0 GQRP 595
>>
>>
>>
>>

Then Kevin wrote:

>Your best bet is to use a good quality coax and an antenna tuner in your
>shack.
>You can built a switch box at the feedpoint that switches a matching network
>in and out. I've done this before and it worked quite well.

The coax/tuner would probaby work OK, however, I think I would avoid the use of a tuner and coax on this specific antenna. Your effeciency would really suffer and at QRP levels that could hamper operating FUN! That antenna impedance might be out of the range of the tuner, since the length is very near a 1/2 wavelength. If it were exactly 1/2 wavelength, the input impedance at the base would be very high, on the order of thousands of ohms. The high swr that occurs within a length of coax would cause a significant loss of signal.

Coax is for low voltage/high current RF, that is, low impedance feeds. So if I were going to use a tuner/coax feed, I'd add a few feet to

the top of the antenna, perhaps enough to produce a 5/8 or 3/4 wavelength antenna for 20 meters. 5/8 wave is probably the optimum length for low angle radiation from a vertical antenna.

But the fun is in the experimenting! Try both systems! Take some signal strength measurements, SWR curves, estimate losses in the coax with high SWR conditions according to formulas in the ARRL handbook, check radiation angles from different charts, whatever helps to give you the antenna system you need.

Good luck John, and let us know what you decide on... and the results!
Inquiring minds want to know!

NS80

Date: Tue, 24 Feb 1998 13:32:25 -0500
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [4708] Re: CW Weekend To Remember!
Message-ID: <199802241936.0AA24170@mailhost.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Frank,

Good job! I have made several US to Europe 2 X QRP contacts, also. I'll be looking for you in the next contest!

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Probably, but not necessarily. -- Benny Hill

> I make a two-way-cw-QRP-QSO with VE1MT on 21,100 mc on saturday 13.30
utc.
> Both 5 watts. The flux was only 96.

Date: Tue, 24 Feb 1998 19:37:57 +0000
From: Ed Loranger <we6w@qsl.net>

To: ccart@dns.vidtel.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4709] Re: Minnesota fox hunting
Message-ID: <34F32195.4584@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chris Cartwright wrote:

<snip for brevity>

>

> Last year I chased the N/T+ foxii and had no luck at all, this year was my
> first "real" season. Quite by accident I found out that the attenuator
> helped much more than the preamp, counter-intuitive, but this seems to
> knock down the noise more than the furry one. I start with the radio
> "wide open", track him down, and start applying the filters, then (if
> he's more than 229) kick in the attenuator. Last year (with pre-amp) 0
> pelts, this year (attenuator) 9 pelts. I must be learnin' sumptin!

Great information. And in fact, what I have done here at my QTH is interesting. This is my first year hunting fox. Initially I needed the Filters on the OHR-100. But with all the foxhunting practice, I can now nab the fox with the Drake TR-3 -- NO CW Filters. Just the 2.1 KHz SSB filter! It's working guys, these foxhunts have really helped my ears and brain filter.

Now, the Drake has an excellen AGC compression section. With all the QRN, I have been running the AGC to about 40 dB compression! Now all the QRO guys and QRN crashes aren't much louder than the FOX.

It helps a lot. (Audio Compression /AGC)

Now to build that Tank Circuit to end-feed the 80 meter W4EDP....
I'll use a large COFFEE CAN and tap the inductor for match.

Building into a coffee can is truly home-BREW!

-Hi! 72, Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Tue, 24 Feb 1998 14:53:20
From: Roger Braker <msebrakr@telepath.com>
To: qrp-1@Lehigh.EDU
Subject: [4710] more UW questions
Message-ID: <3.0.1.16.19980224145320.4cbf6f16@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Guys,
I have now decided to go with the ugly nethod. Since this is my first time using this method, what is the best way to solder to a flat peice of PC boad(how can you get a "good mechanical connection" on a flat surface like that)? If I get a double sided board, can I use both sides to construct circuits on? I found a 9.1 v Zener diode in my junk box but don't know how many watts it is. I guess I'll find out. Now all I need is a 33 v 400 mw zener diode for D5. RS doesn't have them so I hope a electronics store does. One more question what is the deal with ground plane that the transistors need to work against? Thanks to all those who have responded.

73,
Arnold kd5ckh

Date: Tue, 24 Feb 1998 15:10:46 EST
From: Shephed@aol.com
To: 70511.3041@compuserve.com, qrp-1@Lehigh.EDU
Subject: [4711] Re: Draft FOX Log K0EVZ
Message-ID: <c6dc89e3.34f32949@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Doc,

Man what a night. This is my third A/G pelt. For a while I wondering if I could do it, but I did.
My speed is still around 13~15 WPM, so I thank you for picking us slow dogs out of the pack. I had a bit of confusion and was still sending my call for a while after our QSO. Sorry if I messed anyone up. This is VERY overwhelming for us newbies, so please bear with me. :-)

My setup here is a Yaesu FT-101EX at 5 Watts into a Hygain Trap Vertical up

20'. I also use an MFJ-941D tuner.

I don't have any advise yet as I'm still a green horn except that just get in there, close your eyes, and listen for the madness. God what a hobby!!!

72, 73

Dan, N8VZU/AG

QRP-L #1404

Date: Tue, 24 Feb 1998 15:31:55 -0500
From: "David Maliniak" <dmaliniak@penton.com>
To: qrp-l@Lehigh.EDU
Subject: [4712] Paddle cabling solved...
Message-ID: <852565B5.007009C3.00@mail.penton.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

Me again. Here's what I ended up with.

First, I should retract my maligning of poor ol' Radio Shack in my original query. Geez, what would many of us do without them? After all, they did have what I needed. I just didn't know where to look and that's my problem, not theirs.

But that's beside the point. What I did was pick up RS #42-2387, which is a six-foot run of two-conductor, shielded cable with 1/8" stereo plugs at each end. Then, as Mike Gipe suggested, I complemented that with an RS #274-876 adapter (1/8" to 1/4" stereo). Between the cable and adapter, all my rigs are covered.

Once again, thanks to all who responded. I did get some other suggestions that were perfectly serviceable. One idea that came up from a few people was parallel runs of RG-174... that was my second choice and I'll keep it in mind for the future.

72 David N2SMH
Glen Rock, NJ

Date: Tue, 24 Feb 1998 12:38:13 -0800
From: "Wayne Barnhart" <wb7whi@triax.com>

To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [4713] oscillators
Message-ID: <199802242038.MAA05491@smtp.triax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I wanted to thank those who responded to my request to demystify the functions of a simple crystal oscillator. Nothing in my collections of materials mentioned how they determined the values that were used in the selected examples. I get real tired of text books leaving out the little things. :)
But what the hay...Got the list.

Thanks again

Wayne WB7WHI
Spokane, Wa.

Date: Tue, 24 Feb 1998 17:36:11 +0000
From: Stephen John Farthing <stephen@stevef.demon.co.uk>
To: qrp-l@Lehigh.EDU
Subject: [4714] Missing NORCAL orders for Europe?
Message-ID: <Y1F2kBALUw80EwIt@stevef.demon.co.uk>
MIME-Version: 1.0

Hi,

I am the NORCAL rep for Europe. A keyer kit order seems to have gone astray and Jim is checking it out. However the working assumption is that I order stuff from Jim via the Internet and the US/Euro post office delivers it. I assume that all those who have ordered Keyer Kits/QRPp have received the items. If not please let me know.

73

Steve

--

Stephen John Farthing MBCS G0XAR
Melksham, Wiltshire UK
RSGB G-QRP 7766

Date: Tue, 24 Feb 1998 20:50:34 GMT
From: John Fletcher <johnf@innotts.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [4715] Epson P-40 printer info needed
Message-ID: <199802242050.UAA07419@carlton.innotts.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello all,

This does have a QRP connection, honestly!

I have an Epson P-40 thermal printer with serial interface and I need information on the setting of the 8-way DIL switch and the connections for the 6-pin DIN interface connector. A web search hasn't found the info. Epson UK said they would fax me the details but I've received nothing yet. Can anyone help, please?

ObQRP: I'm rigging up a -6dBm 418MHz telemetry link between my greenhouse and my house to monitor ambient air temperature and heated propagation bed temperature. A PIC16C84 will encode the temperatures and key the FM transmitter every half hour or so, and a second '84 will decode the signals and drive the printer. (It's quiet so it can be left on all night.) That's the intention, so I can monitor the performance of the temperature controller. The printer works on self-test so I assume the interface is OK.

Thanks in anticipation,

John G4EDX

Date: Tue, 24 Feb 1998 13:06:03 -0800 (PST)
From: "S. Lee" <slee@u.washington.edu>
To: Bob Bayha <rbayha@ix.netcom.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4716] Re: Elmer 101: RF Probe
Message-ID: <Pine.A41.3.95b.980224124849.76776A-1000000@homer08.u.washington.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I picked up one of these at a place located in Seattle, WA.
It's called Radar Electric, 168 Western Ave. West, ZIP: 98118

They have a store in the Tri-Cities region of eastern Washington and I believe one in Portland, OR. The Seattle phone number is:

(206) 282-2511

If you call...ask for Kevin cause he's the person who knows about this deal. They will sell the Fluke RF probe for \$20.00 plus tax and shipping where applicable. I believe these were being sold in California last summer (posted on this list) for the same \$20.00 price. At the meter end these have a pomona dual banana jack. Enjoy! (and thanks for jogging my memory Bob!)

de AB7HI, Stephen Lee, Federal Way, WA
slee@u.washington.edu

On Tue, 24 Feb 1998, Bob Bayha wrote:

> Hi Gang...
> FYI... If anyone doesn't desire to make their own RF Probe, there is a
> Fluke 85RF (I think these things list for about \$95) available on eBay
> at the following address:
> <http://iguana.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=6889723>
> No personal interest, just an FYI post.
> Bob, K6RKB

Date: Tue, 24 Feb 1998 13:06:45 -0800 (PST)
From: "Allan G. Taylor" <ataylor@heracles.llnl.gov>
To: qrp-l@Lehigh.EDU
Subject: [4717] V26B
Message-ID: <199802242106.NAA01921@heracles.llnl.gov>

The QSL path for V26B is:

WT3Q
Sam Harner
893 Narvon Rd
Narvon PA 17555

V26B was EVERYWHERE.

K7GT

Date: Tue, 24 Feb 1998 16:19:05 -0500 (EST)

From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: John Anthony Reynolds <D2250077@infotrade.co.uk>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4718] Re: 33ft Vertical Best feed?
Message-ID: <Pine.SOL.3.94.980224161307.25372D-100000@larry>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 22 Feb 1998, John Anthony Reynolds wrote:

> Hi Guy's
>
> I have a 33ft vertical with about 500ft of earth radials in my
pocket sized garden 40ftx18ft, it works well on 7Mhz.
> My question is, what would be the best feed method for it to be used on 14Mhz?
>
> 72 de John G3PTO GQRP 595

An old-timer's technique is to use a high-Q tank circuit between ground and the old (40 meter) feedpoint to ensure a very high impedance, with a link at the cold end for 50-ohm feedline. The antenna is now a vertical $1/2 w_l$, end fed--hence, very high Z--and it may have a very high inductive or very high capacitive reactance as well. A parallel 20 meter tank capable of high circulating current, with link, may be the simplest.

An up-converting L-circuit is also feasible--component values will be almost the same.

If you have the coil stock or can wind your own, you can try both and use the one with the lower losses (greater received signal strength).

-73-

LB, W4RNL

Date: Tue, 24 Feb 1998 12:46:43 -0500
From: tracy@orlando.com (Tracy)
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [4719] Ferrite Rod Antenna?
Message-ID: <01BD4143.0E4BB9E0.tracy@orlando.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I am personally, and professionally, interested in finding a design for a ferrite rod antenna for 160, 80 and especially 40 meter operation.

I've found designs for "direction finding" rod-loops that have a sensing whip and active components to match it, but I'm not interested in a "cardioid" pattern. The draw for a bi-directional pattern for me is noise reduction. I'd also like the antenna matched in such a way that it could take a couple of watts for transmitting purposes.

When I'm traveling to Hamfests and the like, I would like to be able to operate from the (very) close quarters we usually subject ourselves to in order to reduce travel costs.

Date: Tue, 24 Feb 1998 14:44:21 -0700
From: Gary Hembree <Gary.Hembree@asu.edu>
To: qrp-l@Lehigh.EDU
Subject: [4720] N7IR Single Op QRP ARRL DX CW
Message-ID: <34F33F35.53D0@ASU.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

ARRL INTERNATIONAL DX CONTEST -- 1998

Call: N7IR	Country: United States
Mode: CW	Category: Single Operator QRP

BAND	QSO	QSO PTS	PTS/Q	COUNTRIES
160	10	30	3.0	8
80	37	111	3.0	17
40	141	423	3.0	43
20	194	582	3.0	59
15	219	657	3.0	56
10	43	129	3.0	23

Totals	644	1932	3.0	206	=	397,992
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All reports sent were 599 AZ, unless otherwise noted.

Equipment Description:

Ten Tec 546C at 5 watts out; 486/120 running CT 9.10

Force 12 EF240/230 at 84'; Force 12 5BA at 73'

80 meter Delta Loop; Shunt-fed, top-loaded 88' tower for 160

Club Affiliation: Central Arizona DX Association

About 40 hours of op time.

Great conditions except for the horrible QRN on the low bands Saturday night. All 160 and most 80 meter Q's were made Friday night! Worked two JA's on 10 meters; first time in about 4 years. Good JA runs on 15 meters Saturday afternoon and on 40 meters Sunday morning. Worked a good number of JA QRPers. This was my third best score in this contest, despite the lack of world-wide 10 meter propagation. The big aluminum pays off again! The only major mistake I made was over-sleeping and missing an hour of the Sunday morning JA opening on 40.

73

Gary, N7IR

gary.hembree@asu.edu

Date: Tue, 24 Feb 98 15:46:15 PST
From: gregoire@endor.com
To: Low power amateur radio discussion <qrp-1@Lehigh.EDU>
Subject: [4721] Mod. for Vibroplex, (Fists)
Message-ID: <Chameleon.980224165506.GREGOIRE@Gregoire.endor.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello Gang,

There were a few folks interested in the Vibroplex double paddles modification that I found in the Keynote (the Fists news letter).

I looked for it and could not find it, so I apologize to the author of the mod for not giving him full credit for the mod in print here.

The mod goes like this.

Vibroplex double paddles are basically good but lousy to use out of the box. They need a little help for (The Feel). Paddles are a "Touchy Feely," kind of thing that gets very personal. Some like it hard, some like it soft, some like play in the action, some like no play at all.

This mod is more of a tune up than a out-right modification. Although I did remove some parts and replace them, they were minor in nature.

Parts to replace:

1. The plastic finger pieces,(where your fingers touch the thing).

Replace with guitar picks of your choice. You can get as creative as you like here. I chose picks with well rounded corners that are basically triangular in shape, having no straight sides at all. The pick is flat and smooth over it's entire surface.

Reuse the same screws and screw holes.

2. The three rubber feet.

Replace with four rubber feet of a sufficient thickness to raise the base to a comfortable height for "You."

I used stick on feet about 3/8 ths of an inch thick. They were not thick enough to suit me. I will try 1/2 to 5/8 inch thick when I get to the next ham fest.

Four feet make the base very stable and sure footed.

Contact burnishing and adjustment:

3. Loosen up the contacts and get the finest emory paper you can get your hands on. It should feel smooth with an extremely fine texture to it. Stick the emory paper between the contacts and burnish them. This is a basic polishing job, not a grind them to a pulp job.

4. Adjust them to your needs.

The gap was adjusted by "Feeling the tension," of a piece of paper being drawn through the contacts.

5. Spring tension.

I like them tight as nat stretched over a rain barrel, tight enough to not send a stream of dits out when I rest my thumb on the pick, but not so tight that I knock the thing over.

6. Lubrication

What? Lubricate them?
You have done this haven't you?

Pull off those "Festive little red things," as my wife calls them.
Adjust the pressure on the posts there (lessen it for now).
Dob a drop of Tri-Flow in there.
Do the same for the bottom bearing.
Turn the paddles over and dob some on the top bearing too.

Now tighten up the pressure on the posts to take the play out of
the paddles themselves.

Now if you have a neat-o plexiglass dust cover, you'll want to
glue felt everywhere they make contact with the base. This will
keep the thing in place (finally). It will not make noise by
rattling around when you send.

I pry'ed the logo off the base and glued it to the dust cover.

This is "Very cool," says my 12 year old grand daughter.

de AA1IK,	Time the accursed enemy of man,
Ernie Gregoire	cursed youth for going to slow
	and by the old for going to fast.

R.R. 1, Box 221,	
South Rd.	Fists # 2644, ARCI # 9500
Canaan, NH. 03741	QRP-L # 95, Fly fisher & tier,
	Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA

02/24/98 15:46:15

Date: Tue, 24 Feb 1998 14:01:29 PST
From: "Ray Lowe" <wd5dhk@hotmail.com>
To: qrp-1@Lehigh.EDU

Subject: [4722] Re: 33ft Vertical Best feed?
Message-ID: <19980224220130.23177.qmail@hotmail.com>
Content-Type: text/plain

A technique I have seen used, but have not personally tried is the use of a modified L network that will allow use on both 40 and 20 without band switching.

First get your L network working on 20 meters. Then replace the inductor with a series resonant 40 meter circuit that has the same equivalent inductance at 20 meters as the coil had. As long as the shunt capacitor has a high reactance on 40 meters compared to 50 ohms, this should allow 2 band use.
Good luck.

```
to rig      ----L---c(series)----|---to ant
              |
              |
              |
            c(shunt)
              |
              |
            ----
            /  /  /
```

72/73
Ray Lowe
WD5DHK
Lancaster,Tx (near Dallas)
<http://members.wbs.net/homepages/w/d/5/wd5dhk.html>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 24 Feb 1998 14:20:40 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: gregoire@endor.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4723] Re: Mod. for Vibroplex, (Fists)
Message-ID: <34F347B8.8BF26991@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

gregoire@endor.com wrote:

> 3. Loosen up the contacts and get the finest emory paper you can get
> your hands on. It should feel smooth with an extremely fine texture to
> it. Stick the emory paper between the contacts and burnish them.
> This is a basic polishing job, not a grind them to a pulp job.

I personally wouldn't do this. ANY emory paper will leave fine scratches. I prefer using a business card to take the oxide off the smooth silver surfaces. These days, the amount of current that flows through key contacts is not enough to pit them.

Vic K2VCO
Fresno CA

Date: Tue, 24 Feb 1998 14:18:03 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [4724] Volunteer kit builders
Message-ID: <01bd4172\$12b79420\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow! Lots of offers of help! Thanks to all who volunteered to build the kit. The Elmer tradition is strong on QRP-L. I have forwarded the name and address of one of the volunteers to the gentleman, so expect a happy ending very soon.

Thanks, all.

Mike K1MG

Date: Tue, 24 Feb 1998 15:33:00 -0700
From: Phil <k6ls@prolynx.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4725] Re: mouser on cd-rom
Message-ID: <34F34A9C.F00C4620@prolynx.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Those who were interested in the cd-rom, might be interested to know that the web site subscription does work, as I just got my copy in the mail today :-)

--

73 de Phil, K6LS

k6ls@qsl.net <or> k6ls@amsat.org
http://www.qsl.net/k6ls
http://www.prolynx.com/k6ls
DM79oq, Arapahoe County, Colorado
ITU zone 7, CQ zone 4
QRP-L #612 NorCal #824
CQC #471 ARCI #8866

Date: Tue, 24 Feb 1998 17:39:34 EST
From: Shephed@aol.com
To: qrp-l@Lehigh.EDU
Subject: [4726] Re: mouser on cd-rom
Message-ID: <618245b7.34f34c28@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Ditto here too, I got mine today. It's a very nice catalog, and it does not fall off the table and onto the dog. :-)

72, 73
Dan, N8VZU/AG
QRP-L #1404

Date: Tue, 24 Feb 1998 22:50:17 +0000
From: Ed Loranger <we6w@qsl.net>
To: gregoire@endor.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4727] Re: Mod. for Vibroplex, (Fists)
Message-ID: <34F34EA9.CBB@qsl.net>
Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

gregoire@endor.com wrote:
<snip for brevity>

>
> Contact burnishing and adjustment:
>
> 3. Loosen up the contacts and get the finest emory paper you can get
> your hands on. It should feel smooth with an extremely fine texture to
> it. Stick the emory paper between the contacts and burnish them.
> This is a basic polishing job, not a grind them to a pulp job.

I finally got around to cleaning the contacts on the ol' Les Logan
#501 Speed-X (Boy it is nice being a bug owner!)

I found I can see the color of my eyes in them now!

What I did. Get a high quality linen cloth (Old Pillowcase or sheet)

Put some brasso on the cloth somewhere in the middle. Gently rub a
very small amount of red JEWELERS ROUGE into the brasso. Now gently
stroke the contact over the Brasso/Jewlers Rouge while keeping the
cloth flat on the table and holding the cloth under tension so the
action of cleaning doesn't bunch up the cloth.

I used a circular motion.

The finish is so clean and shiny that if you polish on a newspaper
it will get scratched!

-#d
--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Tue, 24 Feb 1998 22:54:15 +0000
From: Ed Loranger <we6w@qsl.net>
To: k6ls@prolynx.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4728] Re: mouser on cd-rom
Message-ID: <34F34F97.1918@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Wow! How contemporaneous (What a timely word).

I signed up for the Mouser Catalogue on Friday and got the book yesterday!

Just visit their webpage at <http://www.mouser.com>

or go directly to order you FREE catalog at:
<http://www.mouser.com/addsub.html>

-Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Tue, 24 Feb 1998 15:52:06 -0600
From: "Dick Schneider" <rschneid@ix20.ix.netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [4729] FS OHR Explorer II 30 Meter CW XCVR - UNBUILT KIT
Message-ID: <199802242258.QAA20683@dfw-ix8.ix.netcom.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

FOR SALE: OHR Explorer II 30 Meter CW XCVR KIT - UNBUILT

Superhet Rx
2-3 watts output
Sidetone and QSK break-in keying
RIT +/- 1 KHz
VFO tuning 50 KHz band segment
4-pole Cohn filter continuously variable from 1500 Hz to 350 Hz

\$80 including shipping to CONUS

Email replies to rschneid@ix.netcom.com
72/73 Dick AB0CD..

Date: Tue, 24 Feb 1998 15:52:06 -0600

From: "Dick Schneider" <rschneid@ix2.ix.netcom.com>
To: qrp-1@Lehigh.EDU
Subject: [4730] FS OHR Sprint 30 Meter CW XCVR
Message-ID: <199802242258.QAA20686@dfw-ix8.ix.netcom.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

FOR SALE: OHR Sprint 30 Meter CW XCVR

Superhet Rx
2 watts output
Sidetone and QSK break-in keying
RIT +/- 1 KHz
VFO tuning 50 KHz band segment (10100-10150)

\$60 including shipping to CONUS

Email replies to rschneid@ix.netcom.com
72/73 Dick AB0CD..

Date: Tue, 24 Feb 1998 15:52:06 -0600
From: "Dick Schneider" <rschneid@ix3.ix.netcom.com>
To: qrp-1@Lehigh.EDU
Subject: [4731] FS OHR Explorer II 20 Meter CW XCVR
Message-ID: <199802242259.QAA20723@dfw-ix8.ix.netcom.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

FOR SALE: OHR Explorer II 20 Meter CW XCVR

Superhet Rx
2-3 watts output
Sidetone and QSK break-in keying
RIT +/- 1 KHz
VFO tuning 70 KHz band segment
4-pole Cohn filter continuously variable from 1500 Hz to 350 Hz

\$80 including shipping to CONUS

Email replies to rschneid@ix.netcom.com
72/73 Dick AB0CD..

Date: Tue, 24 Feb 1998 15:52:06 -0600
From: "Dick Schneider" <rschneid@ix3.ix.netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [4732] FS: Palomar R-X Noise Bridge
Message-ID: <199802242259.QAA20722@dfw-ix8.ix.netcom.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

FOR SALE: Palomar R-X Noise Bridge

Hardly Used. \$50.

Email: rschneid@ix.netcom.com
72/73 Dick AB0CD..

Date: Tue, 24 Feb 1998 18:08:50 -0500
From: W2MY & W2MBY <n2mnn@spacegate.com>
To: QRP-L messages <QRP-L@Lehigh.EDU>
Subject: [4733] FOX: N/T Fox this Friday, Saturday
Message-ID: <34F35302.B3D5A39E@spacegate.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am scheduled to be the N/T+ Fox this Friday evening. However, to be able to work both coasts, I am once gain splitting up my operating time. I will be on Feb 28, 00:00 to 01:00 UTC (Friday evening local), as usual, but for one hour only. For the second hour I will be on Feb 28, 19:00 to 20:00 UTC (Saturday afternoon 2 pm EST). This should give most of you a better shot at me.

72,

John, W2MBY
age: 11

Date: Tue, 24 Feb 1998 23:19:34 +0000
From: Ed Loranger <we6w@qs1.net>

To: gregoire@endor.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4734] Re: Mod. for Vibroplex, (Fists)
Message-ID: <34F35586.1DCA@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

One point on using Brasso. I find that you should ensure all of the cleaner is off the part. I rub the part on a clean area of the linnen cloth to do this.

Others have recommended afinal cleaning with rubbing (Isopropyl) alcohol.

Put the alcohol on a clean area of the cloth and clean that way. A cotton swab might scratch the contact further.

-Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Tue, 24 Feb 1998 18:15:02 -0500
From: "Kenneth W. Evans" <w4du@bellsouth.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [4735] Oscilloscope-What to buy?
Message-ID: <34F35475.D15FBFF6@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am looking at oscilloscopes. I want a dual trace unit with 15 to 20 mhz of bandwidth. I saw a beand called "Protek". A dual trace 20 mhz at about \$400.00. I've never heard of them, but I havent been in the scope market for years. Is this a good buy, or would I be better off at Dayton with the purchase of a used Tecktronix?

Thanks in advance,

72/3,
Ken w4du@bellsouth.net
W4DU

Date: Tue, 24 Feb 1998 18:29:48 -0500
From: W2MY & W2MBY <n2mnn@spacegate.com>
To: QRP-L messages <QRP-L@Lehigh.EDU>
Subject: [4736] FOX: N/T Fox Report, W2MBY Feb 21
Message-ID: <34F357EC.C7F35AFC@spacegate.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I had 13 contacts this time around: 7 Friday evening, and 6 Saturday afternoon. I think 6 of the contacts are new for me, and they will be receiving a QSL. See you all next Friday evening and Saturday afternoon.

Friday evening Feb 21

FREQ	UTC	CALL	SNT	RVD	NAME	ST
7141.0	00:06	VE3ELA	449	559	KEN	OH 3W
7141.0	00:12	N1TP	449	569	TOM	FL
7141.0	00:18	AB0GO	439	569	DAVE	CO
7141.0	00:30	KF6CTA	219	559	DICK	CA
7141.0	00:37	N8VZU	229	339	DAN	OH
7141.0	00:46	AC5JH	219	339	TOM	LA
7141.0	00:59	KW5OK	449	229	JOE	OK

Saturday afternoon Feb 21

FREQ	UTC	CALL	SNT	RVD	NAME	ST
7141.0	19:08	VE3ELA	559	589	KEN	ON
7141.0	19:14	KE4RUN	599	599	HARGROVE	NC
7141.0	19:24	K1NY	329	559	GERRY	NY
7141.0	19:35	N3XRV/M	599	559	CHRIS	MD
7141.0	19:50	K3VE	599	599	STEVE	PA
7141.0	19:56	N2YHT	449	559	DOUG	NJ

72,

John, W2MBY
age: 11

Date: Tue, 24 Feb 1998 16:44:41 -0700
From: "Ron Smith" <resmith@primenet.com>
To: <w4du@bellsouth.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [4737] Re: Oscilloscope-What to buy?

Message-ID: <055301bd417e\$9a65f5e0\$0c22a5ce@primenet.com.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Check out this URL: http://www.techexpo.com/WWW/hcprotek/home_pg.html

Ron Smith

Amateur Radio Callsign: KD7VD
Boise, Idaho
E-mail: resmith@primenet.com
QRP-L #1291...ARCI #9580...NorCal #????
AK-QRP #352...HI-QRP #34

Date: Tue, 24 Feb 1998 18:50:03 -0500
From: W2MY & W2MBY <n2mnn@spacegate.com>
To: QRP-L messages <QRP-L@Lehigh.EDU>
Subject: [4738] Fri Night N/T Fox hunt
Message-ID: <34F35CAB.46142FF8@spacegate.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sri,

I think I forgot to post my N/T Fox frequency for this Friday and Saturday which will be 7141.0 as usual.

72,

John, W2MBY

Date: Tue, 24 Feb 1998 18:55:17 -0500
From: Bob Scott <w4fpj@doubled.com>
To: rbayha@ix.netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [4739] Re: Elmer 101: RF Probe
Message-ID: <34F35DE5.AE2B5B42@doubled.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow! I got one at the Vienna Hamfest this past weekend for \$25. I was commenting to my friend that I was looking for an RF probe and was describing what the Heathkit one looked like. Then I looked down and there was the Fluke. It was calibrated in 12-84 and was due for a recal in 12-86. Anyway, was a good buy.

73,

Bob
W4FPJ
Woodbridge, VA

End of QRP-L Digest 1011

